Saskatchewan
Energy and Mines

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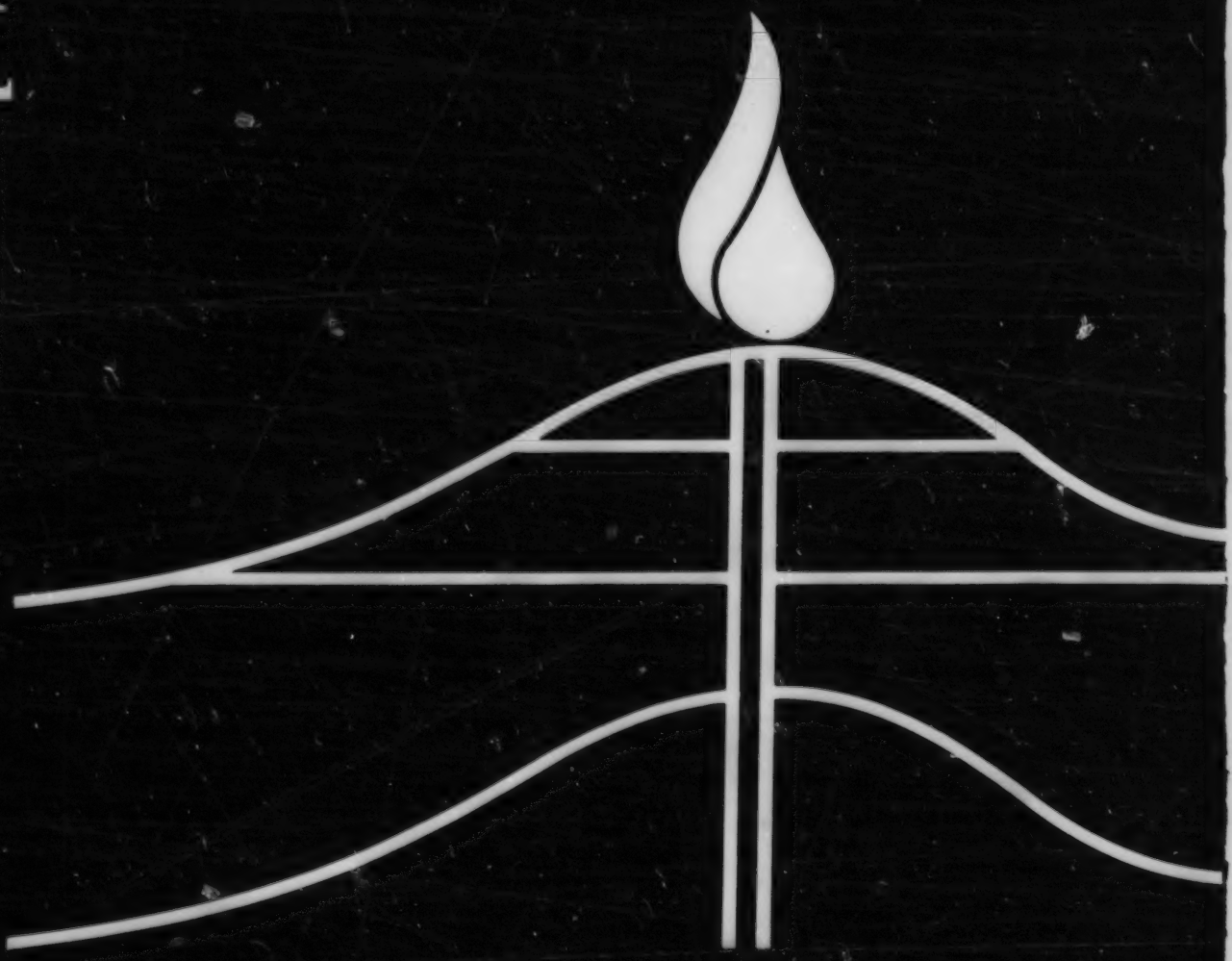
Reservoir Annual 2000

Saskatchewan



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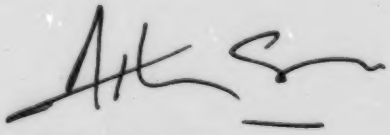
PREFACE

The 2000 Reservoir Annual has been compiled to consolidate pertinent information on all oil and gas reservoirs in Saskatchewan into a convenient reference manual. The main sections of the report contain oil and gas reserves data, development and producing data and information concerning enhanced recovery projects. The remaining sections present related reservoir information.

Publication of the Reservoir Annual commenced in 1963 and has since undergone a number of changes to improve the presentation and to increase the amount of information that is useful to both industry and government.

I would like to acknowledge the assistance of the oil and gas companies operating in Saskatchewan for submitting to the department much of the material that has been used in the preparation of this report.



Andrew Thomson
Minister of Energy and Mines

Although the Department of Energy and Mines has exercised all reasonable care in the compilation, interpretation and production of this report, it is not possible to ensure total accuracy, and all persons who rely on the information contained herein do so at their own risk. The Department of Energy and Mines and the Government of Saskatchewan do not accept liability for any errors, omissions or inaccuracies that may be included in, or derived from, this report.

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MPR FACTORS I

INTRODUCTION

INTRODUCTION

The 2000 Reservoir Annual is published by Saskatchewan Energy and Mines to provide current statistical information with regard to performance and reservoir parameters of Saskatchewan oil and gas pools. The 2000 edition is subdivided into nine sections, each dealing with a specific type of reservoir data. Section B presents maps showing oil and gas pools, production and disposition areas, well spacing areas and other related information. Of considerable importance are sections C and D, which provide reservoir data and reserves for all provincial oil and gas pools broken down by unit and non-unit areas. Section E contains a listing of oil and gas units and provides such information as operator, producing zone, number of active wells and project data such as pattern type, commencement date and injection rates. The section titled "Development Data" presents information on natural depletion mechanism, enhanced recovery projects, well spacing and target areas for all Saskatchewan oil and gas pools. The remaining three sections include illustrations of typical producing well logs, pool pressure data and Maximum Permissive Rate factors. All reserve, production, pool boundary and well spacing information contained in this publication is as of December 31, 2000, unless otherwise noted.

The reserve values contained in the Reservoir Annual are "established reserves" as adopted from the recommendations of The Joint Industry/Government Task Force on Uniform Reserves Terminology. Established reserves are defined as those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing or production, plus that judgement portion of contiguous recoverable reserves that are interpreted to exist from geological, geophysical or similar information, with reasonable certainty.

A high level of exploration and development activity combined with increasing oil prices resulted in an all-time record of 24.2 million cubic metres of oil produced in 2000. Initial established oil reserves increased by 37.0 million cubic metres due to the addition of 2102 new or recompleted producing oil wells (including 459 producing horizontal wells) and 11 new or expanded waterflood/EOR projects. This was decreased to about 36.4 million cubic metres because of better definition of existing reserves. Reserve additions due to drilling came from all areas of the province. Provincial reserve increases exceeded production by 12.1 million cubic metres, resulting in a near record remaining established reserve figure of 185.2 million cubic metres at year end. Table 1 provides a more detailed look at the changes in oil reserves.

Natural gas production in 2000 was 7.412 billion cubic metres. Initial reserves of gas were increased by 14.157 billion cubic metres in 2000, resulting in a net increase of 6.473 billion cubic metres and a remaining established reserves year-end value of 77.917 billion cubic metres. There were 1156 successful gas wells drilled in 2000.

The objective of this publication is to provide subscribers in the oil and gas industry with reliable and pertinent information on provincial oil and gas resources and any suggestions or comments on improvements in this regard would be welcomed by Saskatchewan Energy and Mines.

TABLE 1
REMAINING OIL RESERVES IN SASKATCHEWAN
(MILLION CUBIC METRES)

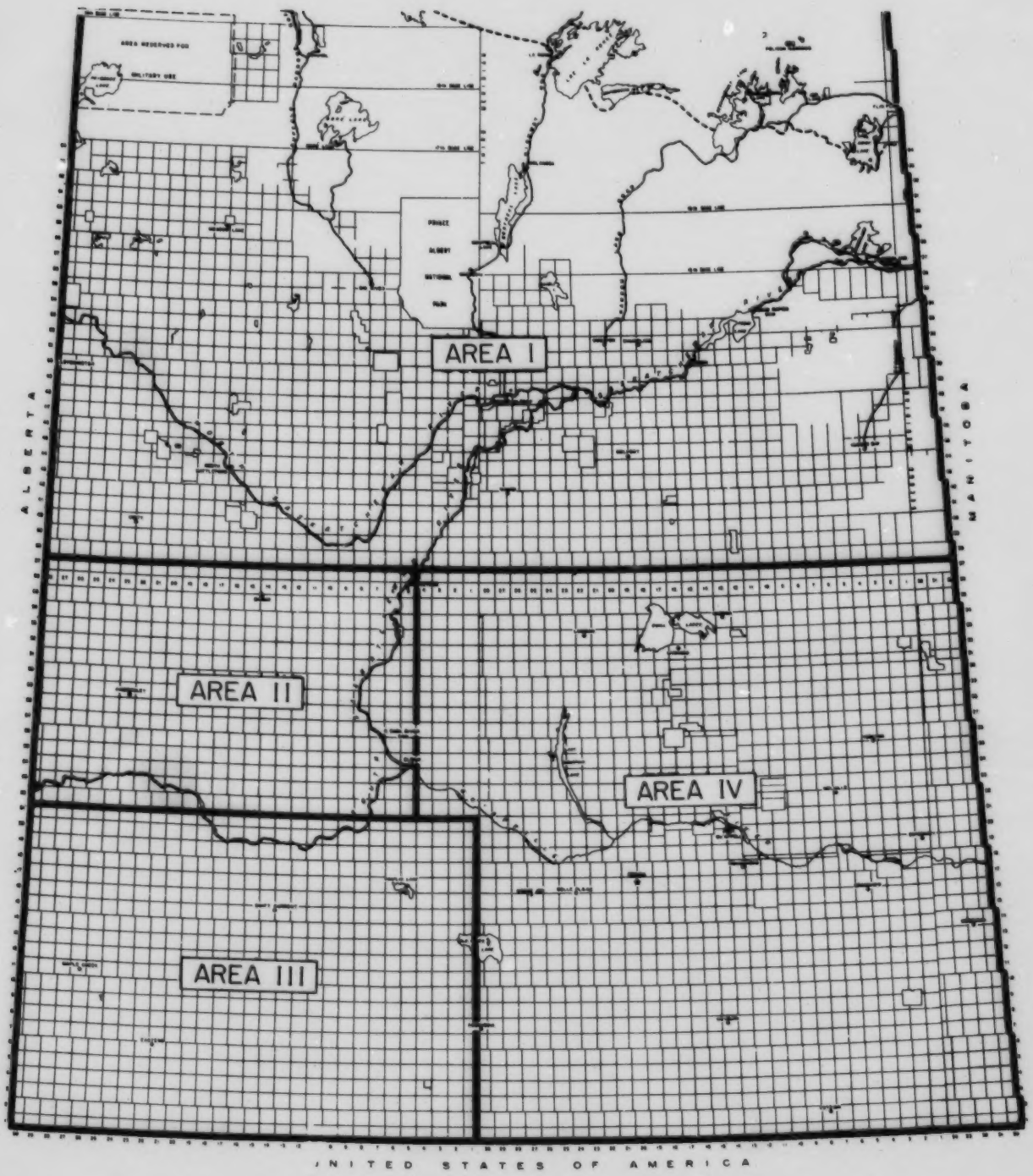
Area	Remaining Established Reserves (Dec 31/99)	2000 Additions to Reserves			2000 Production	Net Change in Reserves During 2000	Remaining Established Reserves (Dec 31/00)
		Revisions	Drilling & Recompletion	Total			
Area I - Heavy	52.594	2.384	14.743	17.127	8.427	8.700	61.294
Area II - Heavy	27.305	0.987	5.133	6.120	3.155	2.965	30.270
Area II - Light	4.523	0.225	0.270	0.495	0.559	-0.064	4.459
Area III- Medium	26.738	-1.189	3.249	2.060	3.324	-1.264	25.474
Area IV - Medium	29.943	0.573	4.969	5.542	3.992	1.550	31.493
Area IV - Light	31.931	-1.327	6.373	5.046	4.788	0.258	32.189
PROVINCIAL TOTAL	173.034	1.653	34.737	36.390	24.245	12.145	185.179

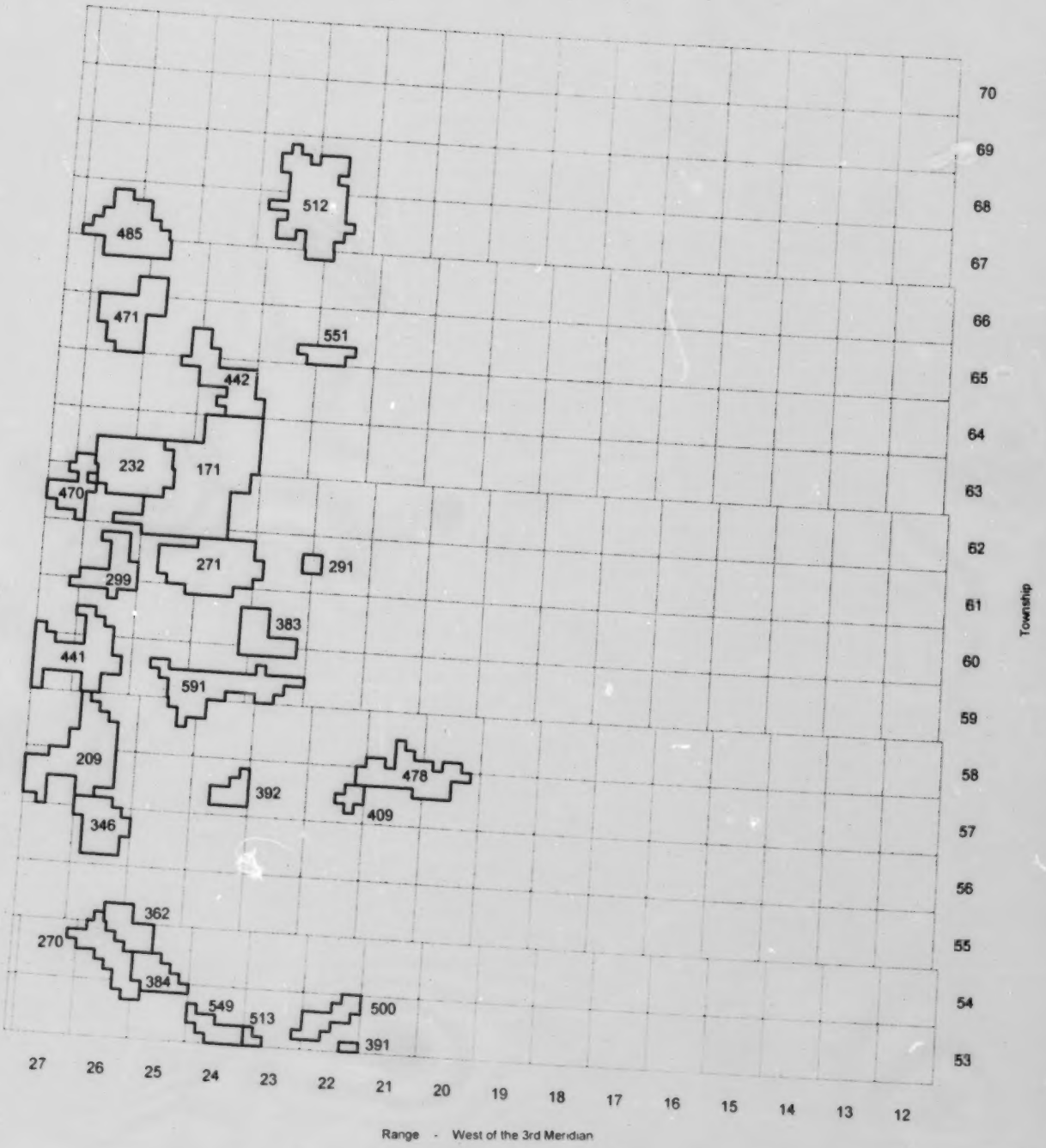
POOL AND AREA

MAPS

SASKATCHEWAN
PETROLEUM AND NATURAL GAS

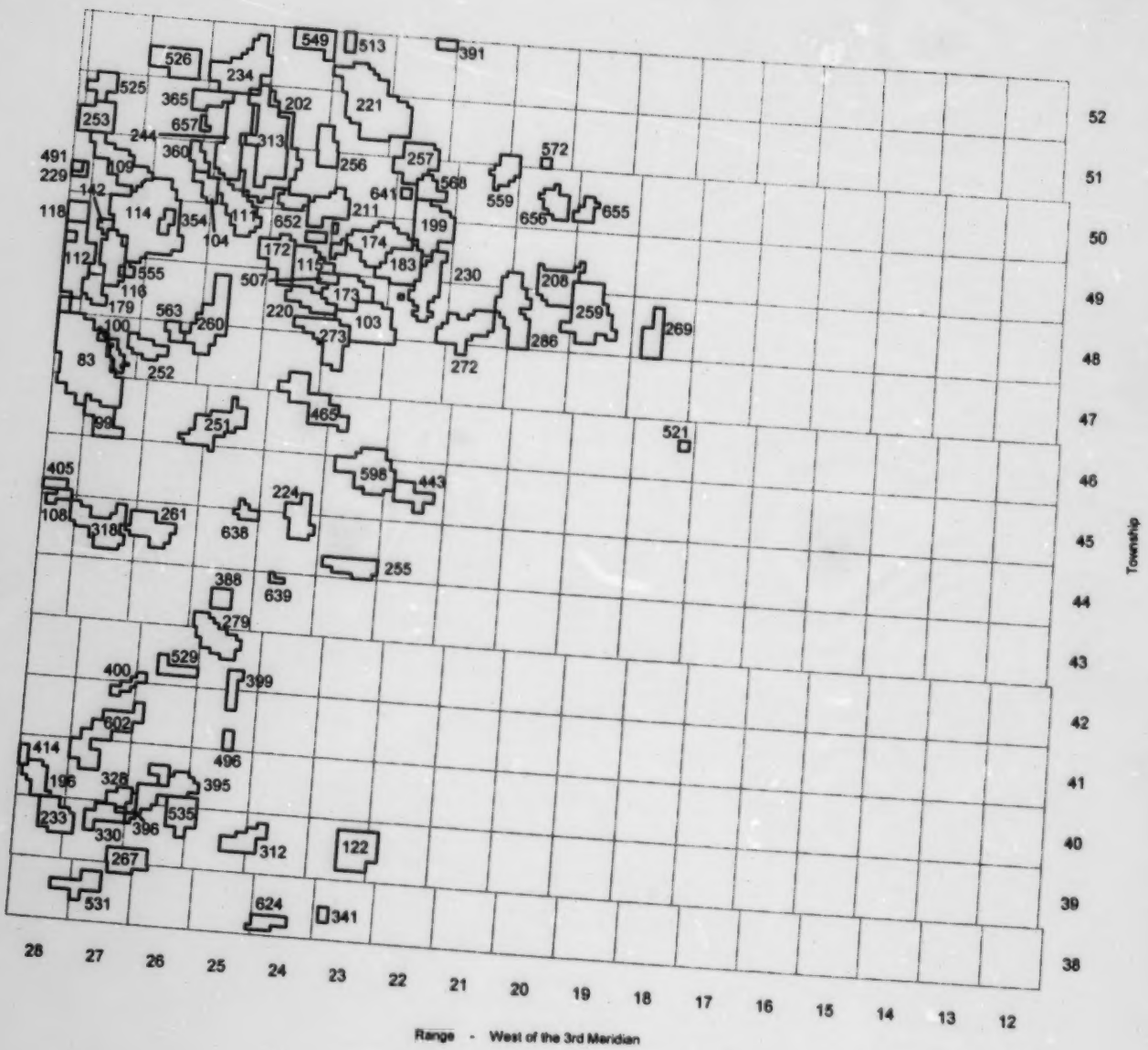
PRODUCTION AND DISPOSITION AREAS





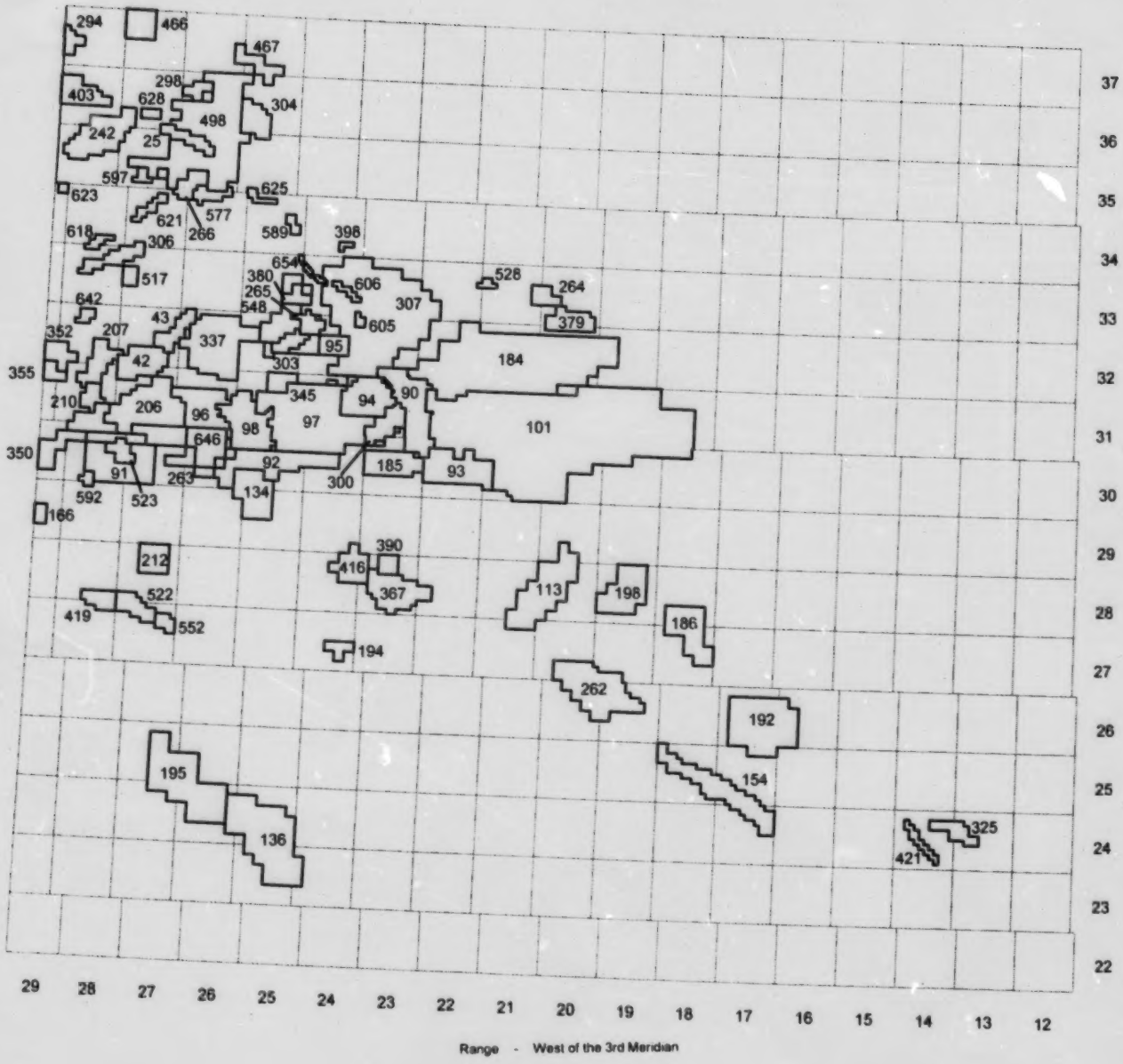
OIL & GAS POOLS - AREA I - NORTH HALF

171 Beacon Hill Mannville Sand Gas Pool
209 Peck Lake Colony Sand Gas Pool
232 Pierceland Mannville Sand Gas Pool
270 Fort Pitt Colony Sand Gas Pool
271 Beacon Hill South Mannville Sand Gas Pool
291 Flat Valley St. Walburg Sand Gas Pool
291 Flat Valley Colony Sand Gas Pool
299 Beacon Hill West Mannville Sand Gas Pool
346 Bronson Lake Colony Sand Gas Pool
346 Bronson Lake Waseca Sand Gas Pool
362 Fort Pitt North Colony Sand Gas Pool
362 Fort Pitt North Waseca Sand Gas Pool
383 Makwa Mannville Sand Gas Pool
384 Frenchman Butte St. Walburg Sand Gas Pool
384 Frenchman Butte Colony Sand Gas Pool
384 Frenchman Butte Waseca Sand Gas Pool
391 Spruce Lake Mannville Sand Gas Pool
392 Whelan St. Walburg Sand Gas Pool
392 Whelan Mannville Sand Gas Pool
409 Barthel Colony Sand Gas Pool
441 Mudie Lake Colony Sand Gas Pool
442 Bear Creek Mannville Sand Gas Pool
470 Pierceland West Colony Sand Gas Pool
471 Cold Lake Colony Sand Gas Pool
478 Loon Lake Colony Sand Gas Pool
485 Primrose Lake Mannville Sand Gas Pool
500 Spruce Lake North Colony Sand Gas Pool
512 Primrose Lake East Mannville Sand Gas Pool
513 Bolney Colony Sand Pool
549 Paradise Hill Colony Sand Gas Pool
549 Paradise Hill Waseca Sand Gas Pool
551 Gold Lake Colony Sand Gas Pool
591 Branch Lake Colony Sand Gas Pool



OIL & GAS POOLS - AREA I - SOUTH HALF

83 Epping Sparky Sand Pool
83 Epping G.P. Sand Pool
83 Epping Mannville Sands Pool
99 Epping South Sparky Sand Pool
100 Lone Rock Sparky Sand Pool
103 Golden Lake South Sparky Sand Pool
103 Golden Lake South Waseca Sand Pool
103 Golden Lake South Mannville Sands Pool
104 Landrose Waseca Sand Pool
104 Landrose McLaren Sand Pool
109 Marsden Sparky Sand Pool
109 Northminster Sparky Sand Pool
111 Big Gully McLaren Sand Pool
111 Big Gully Waseca Sand Pool
112 Silverdale Sparky Sand Pool
114 Aberfeldy Sparky Sand Pool
115 Lashburn Waseca Sand Pool
115 Lashburn Sparky Sand Pool
116 Dulonch Sparky Sand Pool
116 Lloydminster Colony Sand Gas Pool
122 Unity South Viking Sand Gas Pool
122 Unity South Sparky Sand Gas Pool
122 Unity South Unity Sand Gas Pool
142 Dulonch North Sparky Sand Pool
172 Forest Bank Mannville Sands Pool
172 Forest Bank Sparky Sand Pool
172 Forest Bank Waseca Sand Pool
173 Golden Lake North Waseca Sand Pool
173 Golden Lake North Sparky Sand Pool
173 Golden Lake North Mannville Sands Pool
174 Gully Lake Waseca Sand Pool
179 Furness Sparky Sand Pool
183 Deo Valley Waseca Sand Pool
196 Eyehill Cummings-Dina Sand Pool
199 Standard Hill Waseca Sand Pool
202 Tangleflags Lloydminster Sand Pool
202 Tangleflags Sparky Sand Pool
202 Tangleflags G.P. Sand Pool
202 Tangleflags Mannville Sands Pool
202 Tangleflags McLaren Sand Pool
202 Tangleflags Waseca Sand Pool
208 Edam North Waseca Sand Pool
208 Edam North Sparky Sand Pool
208 Edam North Lloydminster Sand Pool
211 Pitas Peak Waseca Sand Pool
211 Pitas Peak Sparky Sand Pool
211 Pitas Peak G.P. Sand Pool
220 Lashburn South Waseca Sand Pool
220 Lashburn South Sparky Sand Pool
221 Celtic Waseca Sand Pool
221 Celtic Sparky Sand Pool
221 Celtic Mannville Sands Pool
221 Celtic G.P. Sand Pool
224 Fremont Waseca Sand Pool
224 Fremont Sparky Sand Pool
224 Fremont Mannville Sands Pool
229 Lloydminster Sparky Sand Pool
230 Dev Valley East Waseca Sand Pool
230 Dev Valley East Sparky Sand Pool
230 Dev Valley East Mannville Sands Pool
233 Meeklan Sparky Sand Pool
234 Tangleflags North G.P. Sand Pool
234 Tangleflags N. Lloyd.-Cummings Sand Pool
244 Tangleflags West Sparky Sand Pool
244 Tangleflags West G.P. Sand Pool
244 Tangleflags West Lloyd. Sand Pool
244 Tangleflags West McLaren Sand Pool
244 Tangleflags West Mannville Sands Pool
251 Neiburg McLaren Sand Pool
251 Neiburg Colony Sand Pool
251 Neiburg Mannville Sands Pool
252 Buzzard Lloydminster Sand Pool
253 Northminster North Sparky Sand Pool
253 Northminster North G.P. Sand Pool
255 Belleview Sparky Sand Pool
258 Tangleflags East McLaren Sand Pool
257 Westhazel Sparky Sand Pool
257 Westhazel G.P. Sand Pool
257 Westhazel Mannville Sands Pool
257 Westhazel Waseca Sand Pool
259 Edam Waseca Sand Pool
260 Lashburn West Sparky Sand Pool
261 Marsden South Sparky Sand Pool
267 Senlac Lloydminster Sand Pool
269 Carvaler Spurway Hill Sand Gas Pool
272 Rush Lake Waseca Sand Pool
272 Rush Lake Sparky Sand Pool
272 Rush Lake Mannville Sands Pool
272 Rush Lake G.P. Sand Pool
273 Maidstone McLaren Sand Pool
273 Maidstone Waseca Sand Pool
273 Maidstone Mannville Sands Pool
276 Winter Cummings Sand Pool
298 Edam West Waseca Sand Pool
298 Edam West Sparky/G.P. Sand Pool
298 Edam West Mannville Sands Pool
312 Salt Lake Lloydminster Sand Pool
313 Tangleflags Second White Specks Gas Pool
313 Tangleflags St. Walburg Sand Gas Pool
313 Tangleflags Colony Sand Gas Pool
313 Tangleflags McLaren Sand Gas Pool
318 Mondo Lake Sparky Sand Pool
329 Evesham North McLaren Sand Pool
329 Evesham North Sparky Sand Pool
329 Evesham North Mannville Sands Pool
330 Evesham Sparky Sand Pool
341 Ear Lake Waseca Sand Pool
354 Aberfeldy G.P. Sand Pool
366 Big Gully North Lloydminster Sand Pool
365 Hillmond Sparky Sand Pool
365 Hillmond G.P. Sand Pool
366 Mondo Lake East McLaren Sand Pool
381 Spruce Lake Mannville Sand Gas Pool
386 Senlac Cummings-Dina Sand Pool
386 Senlac Waseca Sand Pool
389 Winter South Cummings Sand Pool
400 Long Lake Waseca Sand Pool
406 Marsden North Sparky Sand Pool
414 Eyehill North Cummings Sand Pool
414 Eyehill North Sparky Sand Pool
443 Carruthers Colony Sand Gas Pool
465 Soda Lake Cummings Sand Pool
491 Lloydminster North Colony Sand Gas Pool
496 Rutland Cummings-Dina Sand Pool
507 Lashburn McLaren Sand Gas Pool
513 Bolney Colony Sand Pool
521 Meota Lloydminster Sand Pool
525 Rex Lloydminster Sand Pool
526 Hillmond Colony Sand Gas Pool
526 Hillmond Lloydminster Sand Gas Pool
529 Yenton Colony Sand Gas Pool
529 Yenton McLaren Sand Gas Pool
531 Hallem Colony Sand Gas Pool
531 Hallem Waseca Sand Gas Pool
535 Senlac McLaren Sand Gas Pool
535 Senlac Sparky Sand Gas Pool
540 Paradise Hill Colony Sand Gas Pool
540 Paradise Hill Waseca Sand Gas Pool
560 Dulonch East Sparky Sand Pool
560 Dulonch East G.P. Sand Pool
560 Dulonch East Rex Sand Pool
560 Mervyn Waseca Sand Pool
563 Buzzard North Waseca Sand Pool
563 Buzzard North Sparky Sand Pool
563 Buzzard North G.P. Sand Pool
563 Buzzard North Lloydminster Sand Pool
563 Buzzard North Mannville Sand Pool
568 Standard Hill North Waseca Sand Pool
568 Standard Hill North Sparky Sand Pool
568 Standard Hill North G.P. Sand Pool
568 Standard Hill North Rex Sand Pool
572 Turtleford Waseca Sand Pool
572 Turtleford Sparky Sand Pool
598 Carruthers Cummings Sand Pool
602 Drake Lake Colony Sand Gas Pool
624 Rosard Waseca Sand Pool
639 Freemont West Sparky Sand Pool
639 Freemont South Colony Sand Pool
641 Standard Hill West McLaren Sand Pool
652 Big Gully East Sparky Sand Pool
656 Mervyn East Waseca Sand Pool
656 Mervyn South Waseca Sand Pool
657 Hillmond South Sparky Sand Pool

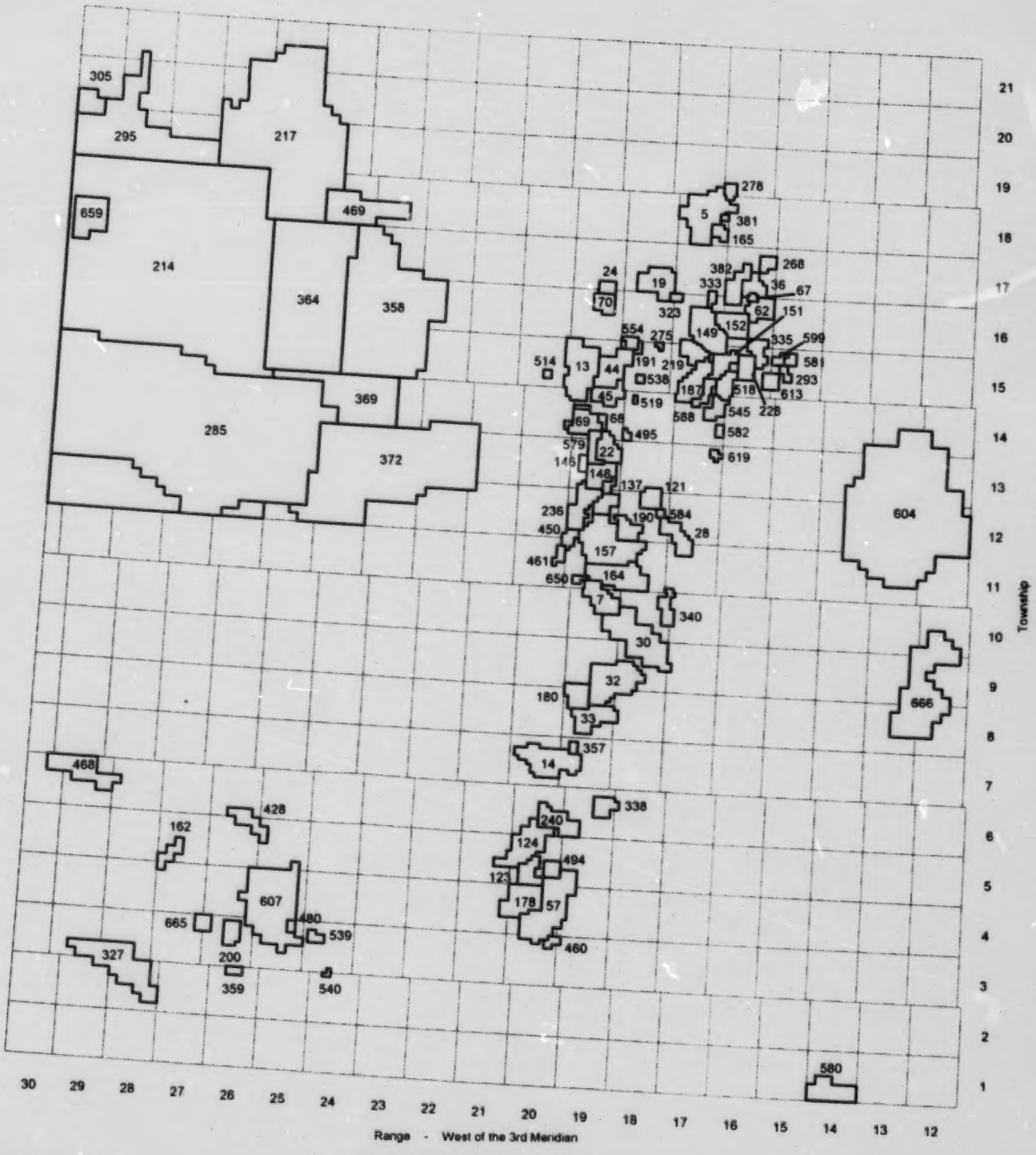


OIL & GAS POOLS - AREA II

25 Plover Lake McLaren Sand Pool
42 North Hoosier Bakken Sand Pool
43 North Hoosier Basal Mannville Sand Pool
90 Eureka Viking Pool
91 Milton Viking Sand Gas Pool
92 Whiteside Viking Sand Pool
93 Avon Hill Viking Pool
94 Coleville Bakken Sand Pool
94 Coleville Mannville Sand Pool
95 Buffalo Coulee Bakken Sand Pool
96 Hoosier Viking Gas Pool
97 Coleville-Smiley Viking Gas Pool
98 Smiley-Dewar Viking Pool
101 Dodsland Viking Sand Pool
113 Brock Viking Sand Gas Pool
134 Whiteside Ribstone Creek Sand Gas Pool
136 Bayhurst Viking Gas Pool
154 Plato Viking Pool
166 Alsask Basal Mannville Sand Pool
184 Dodsland North Viking Gas Pool
185 Lucky Hills Viking Pool
186 Totnes Viking Gas Pool
192 Greenan Viking Gas Pool
194 Gladden Viking Gas Pool
195 Bayhurst West Viking Gas Pool
198 Brock East Viking Gas Pool
206 Hoosier Bakken Sand Pool
207 Fusilier Bakken Sand Pool
210 Loverna Success Pool
212 Marengo Viking Gas Pool

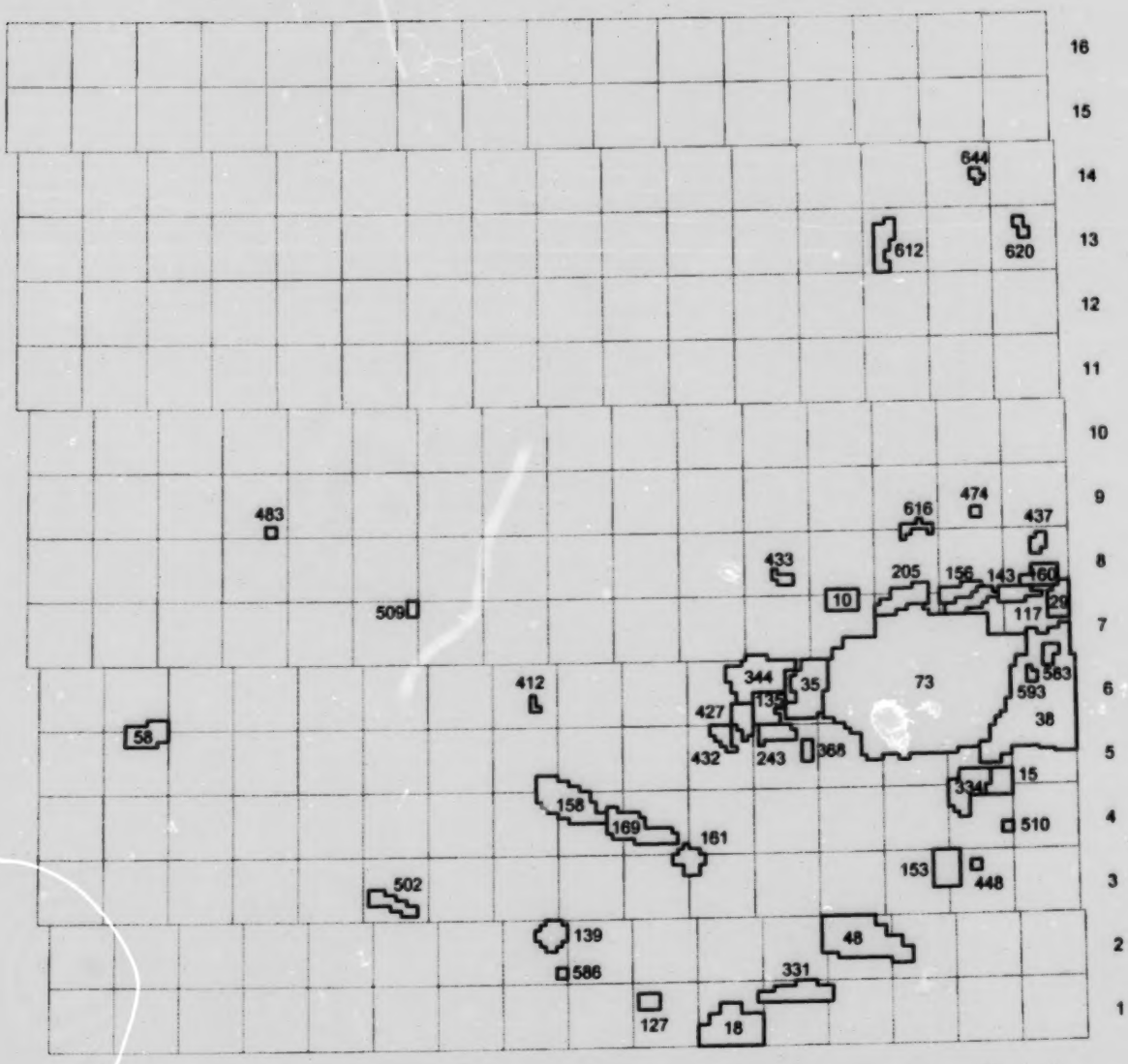
242 Cactus Lake Basal Mannville-Bakken Sand Pool
262 Plato North Viking Pool
263 Whiteside West Viking Sand Gas Pool
264 Druid Mannville Sands Pool
265 Buffalo Coulee North Bakken Sand Pool
268 Plover Lake Bakken Sand Pool
294 Cosine Lake Lloydminster Sand Pool
298 Hearts Hill Bakken Sand Pool
300 Coleville South Bakken Sand Pool
300 Coleville South Mannville Sand Pool
303 North Smiley Bakken Sand Pool
304 Luseland Bakken Sand Pool
306 Court Bakken Sand Pool
307 Kerrobert Viking Sand Pool
325 Forgan Viking Sand Pool
326 Whiteside West Ribstone Creek Sand Gas Pool
337 Prairiedale Viking Sand Pool
348 Driver Mannville Sand Gas Pool
348 Driver Bakken Sand Gas Pool
350 Loverna South Viking Gas Pool
350 Loverna South Bakken Sand Gas Pool
352 Loverna North Mannville Sand Gas Pool
352 Loverna North Bakken Sand Gas Pool
355 Loverna West Bakken Sand Gas Pool
367 Verendrye Viking Sand Pool
379 Plenty Viking Sand Pool
380 Superb Bakken Sand Gas Pool
390 Verendrye North Viking Sand Gas Pool
398 Emerald Basal Mannville Sand Pool
403 Cactus Lake North McLaren Sand Pool

416 Kindersley Viking Gas Pool
419 Marengo South Basal Mannville Sand Pool
421 Forgan West Viking Sand Pool
464 Coleville South Success Pool
466 Primate Mannville Sand Gas Pool
467 Salvador Mannville Sand Gas Pool
498 Luseland Viking Sand Gas Pool
517 Court South Bakken Sand Pool
522 Marengo North Basal Mannville Sand Pool
523 Milton Bakken Sand Pool
528 Ermine Mannville Sands Pool
548 Prairiedale East Viking Gas Pool
552 Marengo East Basal Mannville Sand Pool
577 Plover Lake East Bakken Sand Pool
589 Superb North Waseca Sand Pool
592 Milton Success Pool
597 Plover Lake West Bakken Sand Pool
600 Coleville West Bakken Sand Pool
605 Kerrobert Mannville Sand Pool
606 Kerrobert North Mannville Sand Pool
617 Smiley Bakken Sand Pool
618 Court North Bakken Sand Pool
621 Plover Lake South Bakken Sand Pool
623 Court West Bakken Sand Pool
625 Luseland Mannville Sand Pool
628 Cactus Lake East Bakken Sand Pool
642 Fusilier North Bakken Sand Pool
646 Hoosier South Bakken Sand Gas Pool
654 Superb Waseca Sand Pool



OIL & GAS POOLS - AREA III

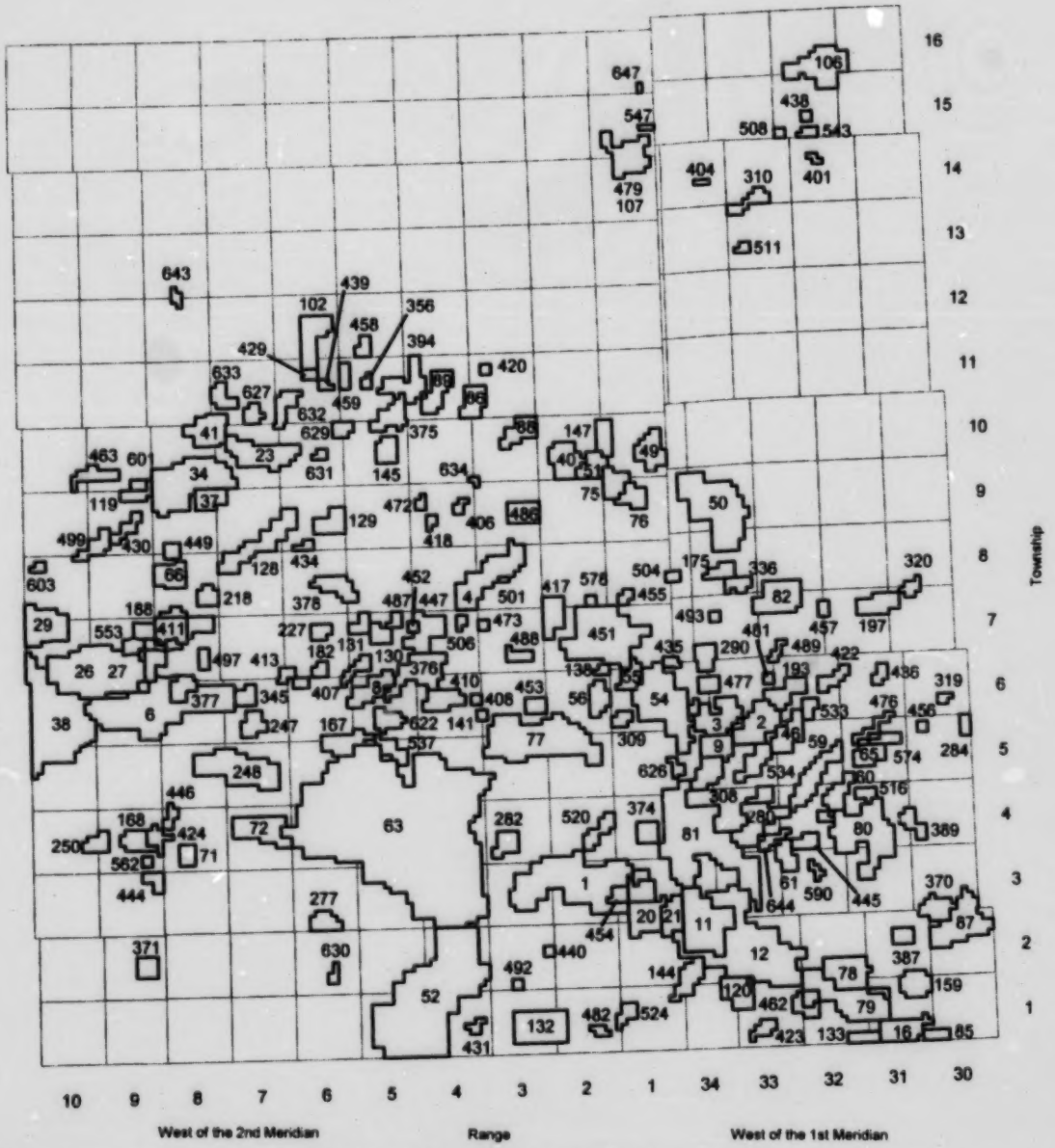
5 Bellrum Reserey Sand Pool
7 Bone Creek Upper Shaunavon Pool
13 Delta Upper Shaunavon Pool
14 Dollard Upper Shaunavon Pool
19 Fosterton Reserey Sand Pool
22 Gull Lake North Upper Shaunavon Pool
24 Hazlet Reserey Sand Pool
29 Ilerbrun Upper Shaunavon Pool
30 Indian Upper Shaunavon Pool
32 Ledchville Shaunavon Pool
33 Leon Lake Shaunavon Pool
38 Main Success Reserey Sand Pool
44 North Premier Reserey Sand Pool
45 North Premier Upper Shaunavon Pool
57 Rapdan Upper Shaunavon Pool
62 South Success Reserey Sand Pool
67 Success Reserey Sand Pool Alpha Pool
68 Suffield Upper Shaunavon Pool
69 Suffield Reserey Sand Pool
70 Verla Reserey Sand Pool
121 Covington Upper Shaunavon Pool
123 Eastbrook Shaunavon Pool
124 Whitemud Shaunavon Pool
137 Gull Lake South Upper Shaunavon Pool
148 Gull Lake Central Upper Shaunavon Pool
148 Gull Lake Basal Cantuar Sand Pool
149 Cantuar Main Cantuar Sand Pool
149 Cantuar Reserey Sand Pool
151 Beverley Reserey Sand Pool
152 Cantuar East Reserey Sand Pool
152 Cantuar East Cantuar Sand Pool
157 Bulte Upper Shaunavon Pool
162 Consul Second White Specks Gas Pool
162 Consul Upper Shaunavon Gas Pool
164 Bench Upper Shaunavon Pool
165 Pennant Upper Shaunavon Pool
178 Rapdan West Shaunavon Pool
180 Clintonville Shaunavon Pool
187 Beverley Cantuar Sand Pool
190 Covington West Upper Shaunavon Pool
191 Antelope Lake Upper Shaunavon Pool
200 Battle Creek Upper Shaunavon Pool
200 Battle Creek Madison Pool
214 Hatton Medicine Hat Sand Gas Pool
214 Hatton Milk River-Medicine Hat Gas Pool
214 Hatton Milk River Gas Pool
217 Lebenthal Milk River Gas Pool
219 Beverley North Cantuar Sand Pool
228 Beverley East Cantuar Gas Pool
238 Bulte West Upper Shaunavon Pool
240 Eastend Shaunavon Pool
268 Success North Reserey Sand Pool
275 Antelope Lake East Reserey Sand Pool
278 Bellrum North Reserey Sand Pool
295 Bigstick Second White Specks Gas Pool
293 Java Cantuar Sand Pool
295 Burstall Milk River Gas Pool
295 Burstall Milk River-Medicine Hat Gas Pool
296 Burstall Medicine Hat Sand Gas Pool
305 Burstall North Viking Sand Gas Pool
323 Fosterton South Cantuar Sand Pool
323 Fosterton South Reserey Sand Pool
327 Senate Second White Specks Gas Pool
333 Cantuar North Reserey Sand Pool
335 Beverley East Cantuar Sand Pool
338 Chambery Upper Shaunavon Pool
340 Notukeu Upper Shaunavon Pool
357 Dollard Lower Shaunavon Pool
358 Freehght Milk River Gas Pool
359 Battle Creek South Upper Shaunavon Pool
364 Ingebrigt Milk River Gas Pool
369 Crane Lake Milk River Gas Pool
369 Crane Lake Medicine Hat Sand Gas Pool
369 Crane Lake Milk River-Medicine Hat Gas Pool
372 Crane Lake South Milk River Gas Pool
372 Crane Lake 5 Second White Specks Gas Pool
372 Crane Lake South Medicine Hat Sand Gas Pool
372 Crane Lake South MR-Medicine Hat Gas Pool
381 Bellrum East Reserey Sand Pool
382 Wheat Valley Cantuar Sand Gas Pool
429 Cypress Second White Specks Gas Pool
450 Gardenhead Upper Shaunavon Pool
460 Rapdan South Upper Shaunavon Pool
461 Gardenhead South Upper Shaunavon Pool
468 Merryflat Second White Specks Gas Pool
469 Freehght North Milk River Gas Pool
480 Rangeview Madison Pool
494 Rapdan North Lower Shaunavon Pool
495 Gull Lake Reserey Sand Pool
514 Delta West Upper Shaunavon Pool
518 Webb Cantuar Sand Pool
519 Antelope Lake South Reserey Sand Pool
538 Antelope Lake North Success-Reserey Sand
538 Antelope Lake North Cantuar Sand Pool
539 Rangeview East Madison Pool
540 Divide Madison Pool
545 Webb South Cantuar Sand Pool
554 Antelope Lake Reserey Sand Pool
579 Suffield Basal Cantuar Sand Pool
580 Manchy Second White Specks Gas Pool
581 Java North Cantuar Sand Pool
582 Antelope Cantuar Sand Pool
584 Covington South Upper Shaunavon Pool
588 Webb West Cantuar Sand Pool
590 Java West Cantuar Sand Pool
604 Wymark Second White Specks Gas Pool
607 Vidora Bearpaw Sand Gas Pool
607 Vidora Belly River Sand Gas Pool
607 Vidora Bearpaw-Belly River Sands Gas Pool
613 Seward Success Sand Pool
613 Seward Cantuar Sand Pool
619 Ross Lake Cantuar Sand Pool
666 Bone Creek West Upper Shaunavon Pool
680 Horsham Rosalone Creek Sand Gas Pool
685 Battle Creek West Second White Specks Gas Pool
688 Cadillac Second White Specks Gas Pool



OIL & GAS POOLS - AREA IV - WEST HALF

10 Ralph West Midale Beds Pool
15 Elsewick East Midale Beds Pool
18 Flat Lake Ratcliffe Beds Pool
29 Innes Frobisher Beds Pool
35 Lougheed Midale Beds Pool
38 Midale Central Frobisher Beds Pool
38 Midale Central Midale Beds Pool
48 Ourgre Ratcliffe Beds Pool
58 Roncott Bakken Sand Pool
73 Weyburn Frobisher Beds Pool
73 Weyburn Midale Beds Pool
117 West Innes Frobisher Beds Pool
127 Lake Alma Ratcliffe Beds Pool
135 Tatagwa Central Midale Beds Pool
139 Hummingbird Birdbear Pool
139 Hummingbird Ratcliffe Beds Pool
139 Hummingbird Bakken Sand Pool
143 Hume Frobisher Beds Pool
153 Bromhead Midale Beds Pool
156 Hume Midale Beds Pool
158 Frecia Lake Ratcliffe Beds Pool
160 Griffin Frobisher Beds Pool
161 Neptune Ratcliffe Beds Pool
169 Sumner Lake Ratcliffe Beds Pool
205 Ralph Midale Beds Pool

243 Tatagwa Midale Beds Pool
331 Hoffer Ratcliffe Beds Pool
334 Elsewick Midale Beds Pool
344 Tatagwa North Midale Beds Pool
368 Colgate Midale Beds Pool
412 Ceylon Bakken Sand Pool
427 Tatagwa West Midale Beds Pool
432 Neptune North Midale Beds Pool
433 Union Jack Midale Beds Pool
437 Griffin North Frobisher Beds Pool
448 Bromhead East Red River Pool
474 Brough Frobisher Beds Pool
483 Dahinda Madison Pool
502 Minton Red River Pool
502 Minton Winnipegosis Pool
509 Amulet Ratcliffe Beds Pool
510 Elsewick South Midale Beds Pool
583 Midale Red River Pool
586 Hummingbird South Bakken Sand Pool
586 Hummingbird South Ratcliffe Beds Pool
593 Midale West Red River Pool
612 Tyvan Red River Pool
616 Mansur Red River Pool
620 Montmartre Red River Pool
644 Chapleau Lake Red River Pool



OIL & GAS POOLS - AREA IV - EAST HALF

1 Alameda Middle Beds Pool
2 Alida East Frobisher-Alida Beds Pool
3 Alida West Frobisher-Alida Beds Pool
4 Arcola Frobisher-Alida Beds Pool
6 Benson Middle Beds Pool
8 Browning Frobisher-Alida Beds Pool
9 Cantal Frobisher-Alida Beds Pool
11 Carnduff Frobisher Beds Pool
12 Carnduff Middle Beds Pool
16 Elmore Frobisher Beds Pool
18 Elmore Middle Beds Pool
20 Glen Ewen Frobisher Beds Pool
21 Glen Ewen Middle Beds Pool
23 Hendsworth Alida Beds Pool
26 Hurlbut Middle Beds Pool
27 Hurlbut Frobisher Beds Pool
29 Innes Frobisher Beds Pool
34 Lost Horse Hill Frobisher-Alida Beds Pool
37 Melrose Frobisher-Alida Beds Pool
38 Midale Central Frobisher Beds Pool
39 Midale Central Midale Beds Pool
40 Moose Mountain Tilston Beds Pool
41 North Hendsworth Alida Beds Pool
48 Nottingham Alida Beds Pool
49 Parkman Souris Valley Beds Pool
50 Parkman Tilston-Souris Valley Beds Pool
51 Parkman Tilston Beds Pool
52 Pinto Frobisher Beds Pool
52 Pinto Middle Beds Pool
54 Queensdale East Frobisher-Alida Beds Pool
55 Queensdale North Alida Beds Pool
58 Queensdale West Alida Beds Pool
59 Roselawn Alida Beds Pool
60 Roselawn South Alida Beds Pool
61 Sebarton Frobisher Beds Pool
63 Steelman Frobisher Beds Pool
63 Steelman Midale Beds Pool
66 Stonthoeba Alida Beds Pool
66 Stoughton Frobisher-Alida Beds Pool
71 Vine Hill Midale Beds Pool
72 West Kingsford Midale Beds Pool
75 White Bear Tilston Beds Pool
76 White Bear Tilston-Souris Valley Beds Pool
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B-3	405	Marsden North Sparky Sand Pool
B-3	261	Marsden South Sparky Sand Pool
B-3	108	Marsden Sparky Sand Pool
B-7	37	Melrose Frobisher-Alida Beds Pool
B-3	521	Meota Lloydminster Sand Pool
B-5	468	Merryflat Second White Specks Gas Pool
B-3	655	Mervin East Waseca Sand Pool
B-3	656	Mervin South Waseca Sand Pool
B-3	559	Mervin Waseca Sand Pool
B-6, B-7	38	Midale Central Frobisher Beds Pool
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B-6	583	Midale Red River Pool
B-6	593	Midale West Red River Pool
B-4	523	Milton Bakken Sand Pool
B-4	592	Milton Success Pool
B-4	91	Milton Viking Sand Gas Pool
B-7	247	Minard Midale Beds Pool
B-6	502	Minton Red River Pool
B-6	502	Minton Winnipegosis Pool
B-5	580	Monchy Second White Specks Gas Pool
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B-7	102	Moose Valley Tilston Beds Pool
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B-7	413	Morrisview West Frobisher-Alida Beds Pool
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B-4	42	North Hoosier Bakken Sand Pool
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B-5	44	North Premier Roseray Sand Pool
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B-7	454	Oxbow Frobisher Beds Pool
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B-7	492	Pinto East Midale Beds Pool
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B-5	67	Success Roseray Sand Pool Alpha Pool
B-5	579	Suffield Basal Cantuar Sand Pool
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B-3	202	Tangleflags G.P. Sand Pool
B-3	202	Tangleflags Lloydminster Sand Pool
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B-3	313	Tangleflags Second White Specks Gas Pool
B-3	202	Tangleflags Sparky Sand Pool
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B-3	244	Tangleflags West G.P. Sand Pool
B-3	244	Tangleflags West Lloyd. Sand Pool
B-3	244	Tangleflags West Mannville Sands Pool
B-3	244	Tangleflags West McLaren Sand Pool
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B-6	135	Tatagwa Central Midale Beds Pool
B-6	243	Tatagwa Midale Beds Pool
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B-7	107	Wapella Sand Pool
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B-7	483	Wauchope Central Tilston Beds Pool
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B-7	477	Wauchope South Alida Beds Pool
B-7	435	Wauchope West Alida Beds Pool
B-5	518	Webb Cantuar Sand Pool
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B-6	117	West Innes Frobisher Beds Pool
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B-7	159	Winmore Frobisher Beds Pool
B-3	279	Winter Cummings Sand Pool
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B-7	488	Wordsworth East Frobisher Beds Pool
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B-7	462	Workman South Frobisher Beds Pool
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RESERVOIR DATA

RESERVES AND

PRODUCTION — OIL

FIVE YEAR OIL SUMMARY

	1996	1997	1998	1999	2000
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	119.740	132.439	134.651	146.733	163.742
Area II - Heavy	48.394	57.242	62.798	62.687	68.678
Area II - Light	30.264	30.837	30.405	30.714	31.209
Area III - Medium	123.404	130.987	133.845	137.231	139.291
Area IV - Medium	140.460	143.213	146.443	147.920	154.744
Area IV - Light	158.163	194.681	194.639	196.256	200.874
PROVINCIAL TOTAL	650.425	689.399	702.781	721.541	758.538
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	44.331	50.331	46.716	52.594	61.294
Area II - Heavy	23.203	28.689	30.675	27.305	30.270
Area II - Light	6.061	5.894	4.788	4.523	4.459
Area III - Medium	22.722	27.099	26.769	26.738	25.474
Area IV - Medium	35.073	34.030	32.543	29.943	31.493
Area IV - Light	39.405	39.719	34.544	31.931	32.189
PROVINCIAL TOTAL	170.795	185.762	176.035	173.034	185.179
YEARLY PRODUCTION (Million Cubic Metres)					
Area I - Heavy	5.549	6.425	5.817	6.200	8.427
Area II - Heavy	2.587	3.357	3.558	3.182	3.155
Area II - Light	0.745	0.735	0.673	0.573	0.559
Area III - Medium	2.666	3.084	3.354	3.250	3.324
Area IV - Medium	4.106	4.282	4.350	3.860	3.992
Area IV - Light	5.151	5.502	5.393	4.682	4.788
PROVINCIAL TOTAL	20.804	23.385	23.145	21.748	24.245
NUMBER OF PRODUCING WELLS IN DECEMBER					
Area I - Heavy	3 284	3 479	2 767	3 578	4 058
Area II - Heavy	1 113	1 414	1 273	1 530	1 661
Area II - Light	4 383	4 782	4 606	4 778	4 882
Area III - Medium	1 567	1 835	1 690	1 876	1 909
Area IV - Medium	2 597	2 757	2 723	2 838	2 924
Area IV - Light	4 042	4 233	4 214	4 381	4 691
PROVINCIAL TOTAL	16 986	18 500	17 273	18 979	20 125
AVERAGE DECEMBER PRODUCTION (Cubic Metres Per Day)					
Area I - Heavy	16 023	19 383	15 451	20 542	25 156
Area II - Heavy	7 994	10 669	9 528	8 703	8 568
Area II - Light	2 115	2 077	1 707	1 576	1 550
Area III - Medium	7 875	9 537	8 940	9 530	8 971
Area IV - Medium	11 537	12 012	11 086	10 498	10 602
Area IV - Light	15 260	15 687	13 699	13 570	13 132
PROVINCIAL TOTAL	60 804	69 365	60 411	64 419	67 979

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3		%				1000000 m3			1000 m3	ha	m		%		KG/m3	m		
AREA 1H																				
MISCELLANEOUS	BIRDBEAR	0.064	14.00	0.00	14.00	0.012	0.000	0.012	0.012	0.000	0.000	49	3.00	10.0	40.0	1.053			CRE	
	COLONY SAND	17.071	6.30	0.00	6.30	1.075	0.000	1.075	0.329	0.747	56.771	1595	4.60	35.0	30.0	1.053			CRE	
	CUMMINGS SAND	7.111	1.00	0.00	1.00	0.071	0.000	0.071	0.054	0.018	3.620	516	5.90	35.0	30.0	1.053			CRE	
	CUMMINGS-DINA SAND	1.268	0.30	0.00	0.30	0.004	0.000	0.004	0.004	0.000	0.000	49	10.00	33.0	20.0	1.020			CRE	
	DINA SAND	2.235	0.25	0.00	0.25	0.006	0.000	0.006	0.006	0.000	0.000	113	8.50	35.0	30.0	1.053			CRE	
	G.P. SAND	33.542	5.13	0.00	5.13	1.721	0.000	1.721	1.002	0.719	126.096	2720	5.30	35.0	30.0	1.053			CRE	
	LLOYDMINSTER SAND	34.511	3.45	0.00	3.45	1.191	0.000	1.191	0.435	0.756	98.587	1745	8.50	35.0	30.0	1.053			CRE	
	MANNVILLE SAND	0.581	4.25	0.00	4.25	0.025	0.000	0.025	0.020	0.005	0.989	32	7.80	35.0	30.0	1.053			CRE	
	MANNVILLE SANDS (COMMINGLED)	33.956	2.05	0.00	2.05	0.696	0.000	0.696	0.363	0.333	62.300	1697	8.60	35.0	30.0	1.053			CRE	
	MCLAREN SAND	35.347	4.10	0.00	4.10	1.449	0.000	1.449	0.525	0.924	100.738	3798	4.00	35.0	30.0	1.053			CRE	
	REX SAND	3.611	3.20	0.00	3.20	0.116	0.000	0.116	0.042	0.073	4.834	388	4.00	35.0	30.0	1.053			CRE	
	SPARKY SAND	55.424	9.35	0.00	9.35	5.182	0.000	5.182	1.179	4.003	328.466	5810	4.10	35.0	30.0	1.053			CRE	
	WASECA SAND	42.664	5.85	0.00	5.85	2.497	0.000	2.497	0.829	1.669	213.156	3822	4.80	35.0	30.0	1.053			CRE	
ABERFELDY	G.P. SAND (NON-UNIT)	1.027	2.35	4.00	6.35	0.024	0.041	0.065	0.062	0.003	1.252	121	4.27	28.0	27.6	1.020	968	537	CRE	1981
	SPARKY SAND (NON-UNIT)	14.656	4.42	0.00	4.42	0.648	0.000	0.648	0.532	0.115	17.271	890	5.50	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (S. ABFDY SPKY VOL UNIT)	23.605	6.17	0.92	7.09	1.456	0.217	1.674	1.657	0.017	4.297	1522	5.18	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (UNIT)	55.702	7.90	1.87	9.77	4.400	1.039	5.440	5.436	0.003	0.497	4209	4.42	35.0	13.0	1.017	968	535	CRE	1956
BALDWINTON	SPARKY SAND	6.800	24.30	0.00	24.30	1.652	0.000	1.652	0.381	1.272	160.930	1004	4.30	25.0	30.0	1.111	978	599	CRE	1969
BIG GULLY	MCLAREN SAND (NON-UNIT)	1.043	4.47	0.00	4.47	0.047	0.000	0.047	0.040	0.007	1.678	97	3.59	36.0	15.3	1.018	981	496	CRE	1962
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	9.860	5.70	3.45	9.15	0.562	0.340	0.902	0.857	0.046	13.252	1101	2.99	36.0	15.3	1.018	965	496	CRE	1962
	WASECA SAND (NON-UNIT)	0.351	8.64	0.00	8.64	0.030	0.000	0.030	0.024	0.006	1.030	16	7.32	36.0	15.3	1.018	972	479	CRE	1962
	WASECA SAND (VOLUNTARY UNIT NO. 1)	3.693	1.40	1.37	2.77	0.052	0.051	0.102	0.074	0.029	1.662	518	2.38	36.0	15.3	1.018	965	479	CRE	1962
BIG GULLY EAST	SPARKY SAND	7.054	11.20	0.00	11.20	0.790	0.000	0.790	0.148	0.642	75.704	583	5.20	35.0	30.0	1.053	978	510	CRE	1973
BIG GULLY NORTH	LLOYDMINSTER SAND	3.018	1.13	0.00	1.13	0.034	0.000	0.034	0.031	0.004	0.825	226	5.56	35.0	30.0	1.020	975	542	CRE	1973
BOLNEY	COLONY SAND	13.434	3.50	25.80	29.30	0.470	3.466	3.936	0.825	3.111	349.491	421	16.00	30.0	30.0	1.053	980	465	CRE	1995
BUZZARD	LLOYDMINSTER SAND	4.823	7.53	0.00	7.53	0.363	0.000	0.363	0.300	0.063	10.736	745	4.11	25.0	30.0	1.111	971	579	CRE	1978
BUZZARD NORTH	G.P. SAND	0.331	2.10	0.00	2.10	0.007	0.000	0.007	0.007	0.000	0.999	65	2.30	30.0	25.0	1.015	985	560	CRE	1973
	LLOYDMINSTER SAND	0.382	8.10	0.00	8.10	0.031	0.000	0.031	0.014	0.017	0.928	81	2.13	30.0	25.0	1.015	985	585	CRE	1973
	SPARKY SAND	1.032	12.80	0.00	12.80	0.132	0.000	0.132	0.074	0.058	24.210	162	2.80	30.8	25.0	1.015	985	545	CRE	1973
	WASECA SAND	0.292	0.60	0.00	0.60	0.002	0.000	0.002	0.002	0.000	0.000	32	4.75	30.0	35.0	1.015	985	530	CRE	1973
CARRUTHERS	CUMMINGS SAND	17.281	8.75	0.00	8.75	1.512	0.000	1.512	0.471	1.041	278.659	1733	5.00	30.0	30.0	1.053	985	640	CRE	1980
CELTIC	G.P. SAND	25.156	6.15	3.77	9.92	1.547	0.949	2.496	1.298	1.198	71.208	1703	6.30	35.0	31.0	1.030	985	477	CRE	1968
	SPARKY SAND	43.405	5.40	0.00	5.40	2.344	0.000	2.344	1.154	1.190	77.782	2969	5.54	35.0	24.0	1.008	975	463	CRE	1968
	WASECA SAND	114.253	2.50	2.15	4.65	2.856	2.454	5.311	2.919	2.392	302.604	5412	8.00	35.0	24.0	1.008	958	451	CRE	1968
DEE VALLEY	WASECA SAND	18.459	13.60	0.00	13.60	2.510	0.000	2.510	0.956	1.554	94.709	1677	3.80	35.0	16.0	1.015	976	460	CRE	1967
DEE VALLEY EAST	SPARKY SAND	16.383	5.90	0.00	5.90	0.967	0.000	0.967	0.194	0.773	29.354	1271	4.45	35.0	16.0	1.015	969	490	CRE	1968
	WASECA SAND	13.935	11.50	0.00	11.50	1.602	0.000	1.602	0.350	1.253	68.770	1296	3.80	35.0	16.0	1.015	971	464	CRE	1970
DEE VALLEY SOUTH	WASECA SAND	0.562	11.60	0.00	11.60	0.065	0.000	0.065	0.027	0.038	4.943	65	4.50	30.0	35.0	1.015	972	485	CRE	1996

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
DULWICH	SPARKY SAND	13.587	8.00	5.18	13.18	1.087	0.704	1.791	1.763	0.027	7.174	1687	3.11	34.0	15.0	1.116	962	556	CRE	1948
DULWICH EAST	G.P. SAND	3.138	4.50	0.00	4.50	0.141	0.000	0.141	0.109	0.032	8.331	146	8.30	34.0	15.0	1.116	960	560	CRE	1972
	REX SAND	2.060	0.86	0.00	0.86	0.018	0.000	0.018	0.016	0.002	0.355	97	8.20	34.0	15.0	1.116	960	570	CRE	1972
	SPARKY SAND	1.668	6.10	0.00	6.10	0.102	0.000	0.102	0.093	0.009	1.871	97	6.64	34.0	15.0	1.116	960	550	CRE	1972
DULWICH NORTH	SPARKY SAND (N. DULWICH VOL UNIT)	1.341	4.50	11.65	16.15	0.060	0.156	0.217	0.216	0.000	0.000	113	3.96	35.0	13.0	1.016	957	551	CRE	1954
	SPARKY SAND (NON-UNIT)	0.585	1.10	0.00	1.10	0.006	0.000	0.006	0.006	0.000	0.019	32	6.10	35.0	13.0	1.016	957	551	CRE	1954
EAR LAKE	WASECA SAND	1.143	5.15	0.00	5.15	0.059	0.000	0.059	0.056	0.003	0.547	178	2.91	35.0	30.0	1.110	977	656	CRE	1979
EDAM	WASECA SAND	23.285	15.25	0.00	15.25	3.551	0.000	3.551	1.460	2.091	146.989	2190	6.25	27.0	30.0	1.111	988	431	CRE	1972
EDAM NORTH	LLOYDMINSTER SAND	0.811	7.85	0.00	7.85	0.064	0.000	0.064	0.052	0.011	2.772	130	3.00	33.0	30.0	1.111	980	505	CRE	1980
	SPARKY	0.151	12.00	0.00	12.00	0.018	0.000	0.018	0.003	0.015	2.163	32	3.00	25.0	30.0	1.111	980	460	CRE	1980
	WASECA SAND	9.592	11.70	0.00	11.70	1.122	0.000	1.122	0.866	0.256	49.771	1149	5.30	25.0	30.0	1.111	988	444	CRE	1980
EDAM WEST	SPARKY/G.P. SAND	21.097	11.30	0.00	11.30	2.384	0.000	2.384	2.109	0.275	56.515	1894	5.50	30.0	25.0	1.111	973	467	CRE	1982
	WASECA SAND	16.550	12.90	0.00	12.90	2.393	0.000	2.393	1.917	0.476	76.792	2655	3.45	30.0	25.0	1.111	978	447	CRE	1982
EPPING	G.P. SAND (NON-UNIT)	15.312	4.35	0.00	4.35	0.666	0.000	0.666	0.585	0.081	15.198	1814	3.00	35.0	18.0	1.020	962	563	CRE	1951
	G.P. SAND (SOUTH EPPING UNIT)	4.310	3.00	7.10	10.10	0.129	0.306	0.435	0.405	0.030	5.000	1473	1.04	35.0	18.0	1.020	982	583	CRE	1951
	SPARKY SAND (NON-UNIT)	47.152	6.73	0.00	6.73	3.173	0.000	3.173	2.338	0.836	79.125	3643	4.60	35.0	18.0	1.020	968	583	CRE	1951
	SPARKY SAND (SOUTH EPPING UNIT)	23.924	3.00	7.76	10.76	0.718	1.857	2.574	2.474	0.101	16.182	1651	5.15	35.0	18.0	1.020	964	563	CRE	1951
	SPARKY SAND (SW EPPING VOL UNIT 1)	10.778	5.40	5.20	10.60	0.582	0.560	1.142	1.093	0.049	9.555	923	4.15	35.0	18.0	1.020	964	563	CRE	1951
EPPING NORTH	CUMMINGS SAND	1.049	6.00	0.00	6.00	0.063	0.000	0.063	0.008	0.055	4.023	65	6.60	30.0	16.0	1.031	980	650	CRE	1978
	MCLAREN SAND	0.544	6.00	0.00	6.00	0.033	0.000	0.033	0.007	0.026	3.699	65	3.60	35.0	30.0	1.053	945	530	CRE	1997
	SPARKY SAND	0.750	13.60	0.00	13.60	0.102	0.000	0.102	0.005	0.097	4.873	65	4.10	35.0	18.0	1.020	968	560	CRE	2000
EPPING SOUTH	SPARKY SAND	5.001	11.20	0.00	11.20	0.560	0.000	0.560	0.284	0.276	47.191	615	2.89	35.0	18.0	1.020	970	563	CRE	1951
EVESHAM	SPARKY SAND	2.582	8.00	0.00	8.00	0.207	0.000	0.207	0.159	0.048	13.315	356	2.78	35.0	23.0	1.033	958	719	CRE	1969
EVESHAM NORTH	MCLAREN SAND	1.646	3.85	0.60	4.45	0.063	0.010	0.073	0.039	0.034	1.512	244	2.90	35.0	30.0	1.053	969	686	CRE	1982
	SPARKY SAND	1.426	9.50	0.00	9.50	0.136	0.000	0.136	0.107	0.029	2.449	243	2.25	35.0	23.0	1.033	951	734	CRE	1976
EYEHILL	CUMMINGS-DINA SAND	15.610	0.60	8.65	9.25	0.094	1.351	1.445	1.043	0.402	128.047	575	9.80	34.0	16.0	1.031	978	746	CRE	1971
EYEHILL NORTH	CUMMINGS SAND	6.573	9.60	0.00	9.60	0.631	0.000	0.631	0.503	0.128	52.700	324	8.30	30.0	16.0	1.031	970	746	CRE	1985
	SPARKY SAND	0.740	12.10	0.00	12.10	0.090	0.000	0.090	0.071	0.018	3.230	113	4.16	25.0	30.0	1.111	946	693	CRE	1985
FOREST BANK	SPARKY SAND	12.428	4.60	0.00	4.60	0.572	0.000	0.572	0.294	0.277	18.560	909	4.72	35.0	16.0	1.015	982	526	CRE	1961
	WASECA SAND	8.852	7.60	0.00	7.60	0.673	0.000	0.673	0.355	0.318	17.484	989	3.09	35.0	16.0	1.015	979	507	CRE	1963
FREEMONT	SPARKY SAND	4.651	9.10	0.00	9.10	0.423	0.000	0.423	0.296	0.127	17.015	583	3.00	35.0	20.0	1.053	963	636	CRE	1976
	WASECA SAND	5.569	9.10	0.00	9.10	0.507	0.000	0.507	0.367	0.140	35.443	616	3.40	35.0	20.0	1.053	958	620	CRE	1976
FREEMONT SOUTH	COLONY SAND	1.131	15.20	0.00	15.20	0.172	0.000	0.172	0.067	0.105	11.908	162	3.00	35.0	30.0	1.053	969	611	CRE	1995
FREEMONT WEST	SPARKY SAND	1.748	16.50	0.00	16.50	0.288	0.000	0.288	0.099	0.189	26.560	259	2.90	35.0	30.0	1.053	955	641	CRE	1985
FURNESS	SPARKY SAND	11.305	4.65	0.00	4.65	0.525	0.000	0.525	0.522	0.004	1.741	745	5.34	34.0	15.0	1.017	967	566	CRE	1970
GOLDEN LAKE NORTH	SPARKY SAND (GOLDEN LAKE VOL UNIT)	16.648	1.70	0.14	1.84	0.283	0.023	0.306	0.293	0.014	2.621	1749	3.43	35.0	20.0	1.009	977	506	CRE	1964
	SPARKY SAND (NON-UNIT)	3.774	4.47	0.00	4.47	0.169	0.000	0.169	0.155	0.014	5.371	340	4.00	35.0	20.0	1.009	970	506	CRE	1964
	WASECA SAND (GOLDEN LAKE VOL UNIT)	18.465	7.60	3.32	10.92	1.403	0.613	2.016	1.965	0.051	11.649	1749	4.50	30.0	20.0	1.023	964	481	CRE	1964
	WASECA SAND (NON-UNIT)	1.689	6.20	0.00	6.20	0.105	0.000	0.105	0.052	0.053	6.057	162	3.60	35.0	16.0	1.015	963	481	CRE	1964
GOLDEN LAKE SOUTH	SPARKY SAND (NON-UNIT)	27.390	2.50	1.41	3.91	0.685	0.385	1.070	0.768	0.302	11.601	1533	6.30	35.0	18.0	1.012	978	490	CRE	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2000	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/00	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	------- % -------		FACTOR	KG/m3	m		
GOLDEN LAKE SOUTH	SPARKY SAND (VOLUNTARY UNIT NO. 1)	4.875	3.60	0.00	3.60	0.175	0.000	0.175	0.173	0.002	1.232	259	8.00	30.0	20.0	1.020	978	490	CRE.	1964
	WASECA SAND (GOLDEN LAKE S VOL UNIT)	23.247	8.10	2.94	11.04	1.883	0.683	2.566	2.388	0.178	48.044	2202	4.50	30.0	20.0	1.023	966	473	CRE.	1964
	WASECA SAND (NON-UNIT)	7.357	8.00	0.00	8.00	0.589	0.000	0.589	0.528	0.060	9.732	615	4.13	35.0	16.0	1.015	966	473	CRE.	1964
GULLY LAKE	WASECA SAND (NON-UNIT)	17.109	10.50	0.00	10.50	1.796	0.000	1.796	1.447	0.349	41.634	1246	4.73	35.7	16.0	1.033	969	472	CRE.	1949
	WASECA SAND (VOLUNTARY UNIT NO. 1)	10.966	7.00	3.03	10.03	0.769	0.333	1.102	1.073	0.029	5.032	874	4.33	35.7	16.0	1.033	963	472	CRE.	1949
HILLMOND	G.P. SAND	2.444	0.83	0.00	0.83	0.020	0.000	0.020	0.015	0.005	2.013	275	3.70	35.0	30.0	1.020	970	507	CRE.	1977
	SPARKY SAND	1.868	6.20	0.00	6.20	0.116	0.000	0.116	0.091	0.025	10.561	275	2.85	35.0	30.0	1.026	970	494	CRE.	1977
HILLMOND SOUTH	SPARKY SAND	1.053	18.00	0.00	18.00	0.190	0.000	0.190	0.031	0.159	16.127	130	3.40	35.0	30.0	1.026	970	499	CRE.	1996
LANDROSE	MCLAREN SAND	3.856	5.20	0.00	5.20	0.201	0.000	0.201	0.157	0.044	12.094	405	4.18	30.0	20.0	1.053	981	513	CRE.	1950
	WASECA SAND	2.589	6.80	0.00	6.80	0.176	0.000	0.176	0.155	0.021	7.528	243	3.67	36.0	18.0	1.017	983	521	CRE.	1950
LASHBURN	SPARKY SAND	7.610	14.60	0.00	14.60	1.111	0.000	1.111	0.314	0.797	80.142	810	3.90	35.0	30.0	1.017	990	520	CRE.	1963
	WASECA SAND (NON-UNIT)	6.264	7.61	0.00	7.61	0.477	0.000	0.477	0.324	0.153	15.421	437	4.90	35.0	15.0	1.017	963	518	CRE.	1960
	WASECA SAND (VOLUNTARY UNIT)	18.001	3.60	4.21	7.81	0.648	0.758	1.406	1.240	0.166	27.211	1263	6.20	30.0	21.0	1.031	962	518	CRE.	1960
LASHBURN EAST	WASECA SAND	11.003	3.13	0.00	3.13	0.344	0.000	0.344	0.168	0.176	54.722	162	23.40	35.0	15.0	1.025	985	500	CRE.	1966
LASHBURN SOUTH	SPARKY SAND	2.007	12.70	0.00	12.70	0.255	0.000	0.255	0.082	0.173	17.292	324	2.25	35.0	20.0	1.017	983	534	CRE.	1967
	WASECA SAND	8.491	6.56	0.00	6.56	0.557	0.000	0.557	0.476	0.081	12.591	631	4.60	35.0	15.0	1.017	979	524	CRE.	1971
LASHBURN WEST	SPARKY SAND	14.183	15.00	0.00	15.00	2.128	0.000	2.128	0.410	1.718	187.501	1979	4.55	25.0	30.0	1.111	991	537	CRE.	1979
LLOYDMINSTER	SPARKY SAND	4.147	6.80	0.00	6.80	0.282	0.000	0.282	0.245	0.037	5.928	243	5.70	35.0	13.0	1.017	965	556	CRE.	1962
LONE ROCK	SPARKY SAND	13.757	8.00	2.82	10.82	1.101	0.389	1.489	1.481	0.008	3.754	939	5.50	33.0	15.0	1.053	960	572	CRE.	1947
LONG LAKE	WASECA SAND	12.906	10.10	0.00	10.10	1.303	0.000	1.303	1.108	0.196	47.517	518	10.90	30.0	20.0	1.050	960	572	CRE.	1990
LOW LAKE	WASECA SAND	1.827	24.50	0.00	24.50	0.448	0.000	0.448	0.262	0.186	38.102	202	3.65	36.0	30.0	1.017	971	509	CRE.	1950
LOW LAKE EAST	WASECA SAND	0.513	14.80	0.00	14.80	0.076	0.000	0.076	0.011	0.065	8.908	49	4.50	35.0	30.0	1.053	965	485	CRE.	1997
MACKLIN	SPARKY SAND	8.739	7.15	3.87	11.02	0.625	0.339	0.963	0.629	0.334	25.398	1218	2.75	35.0	23.0	1.033	947	712	CRE.	1976
MAIDSTONE	MCLAREN SAND	9.050	7.85	0.00	7.85	0.710	0.000	0.710	0.545	0.166	28.732	2168	2.65	25.0	30.0	1.111	963	500	CRE.	1978
	WASECA SAND	1.742	8.90	0.00	8.90	0.155	0.000	0.155	0.095	0.060	10.660	388	2.85	25.0	30.0	1.111	973	503	CRE.	1981
MANITO LAKE	SPARKY SAND	7.949	11.90	0.00	11.90	0.946	0.000	0.946	0.811	0.135	28.273	1246	4.05	25.0	30.0	1.111	965	605	CRE.	1970
MANITO LAKE EAST	MCLAREN SAND	1.898	3.04	0.00	3.04	0.058	0.000	0.058	0.052	0.006	3.294	291	3.45	30.0	30.0	1.111	965	605	CRE.	1979
MARSDEN	SPARKY SAND	2.177	7.16	0.00	7.16	0.156	0.000	0.156	0.143	0.013	3.305	178	4.60	35.0	20.0	1.053	962	606	CRE.	1949
MARSDEN NORTH	SPARKY SAND	1.627	8.50	0.00	8.50	0.138	0.000	0.138	0.121	0.018	4.287	210	4.10	30.0	30.0	1.111	965	556	CRE.	1979
MARSDEN SOUTH	SPARKY SAND (NON-UNIT)	3.010	6.02	0.00	6.02	0.181	0.000	0.181	0.141	0.040	12.642	242	5.70	30.0	25.0	1.031	946	625	CRE.	1979
	SPARKY SAND (VOL UNIT NO. 1)	10.830	4.60	21.60	26.20	0.498	2.339	2.837	1.525	1.313	68.811	518	9.58	30.0	25.0	1.031	946	625	CRE.	1979
	SPARKY SAND (VOL UNIT NO. 2)	5.005	10.00	12.30	22.30	0.500	0.616	1.116	0.722	0.394	40.386	420	5.46	30.0	25.0	1.031	946	625	CRE.	1979
	SPARKY SAND (VOL UNIT NO. 3)	2.229	4.95	11.00	15.95	0.110	0.245	0.356	0.270	0.086	10.236	227	4.50	30.0	25.0	1.031	946	625	CRE.	1979
	SPARKY SAND (VOL UNIT NO. 4)	2.933	5.00	2.60	7.60	0.147	0.076	0.223	0.120	0.103	15.463	227	5.95	30.0	25.0	1.036	946	625	CRE.	1979
MEOTA	LLOYDMINSTER SAND	4.329	1.95	2.05	4.00	0.084	0.089	0.173	0.173	0.000	0.000	97	17.00	31.5	15.0	1.020	992	520	CRE.	1974
MERVIN	WASECA SAND	6.312	9.80	0.00	9.80	0.619	0.000	0.619	0.313	0.306	63.514	688	4.60	30.0	30.0	1.053	980	470	CRE.	1985
MERVIN EAST	WASECA SAND	3.091	12.70	0.00	12.70	0.393	0.000	0.393	0.074	0.318	41.316	324	4.10	35.0	30.0	1.053	995	447	CRE.	1996
MERVIN SOUTH	WASECA SAND	3.958	18.00	0.00	18.00	0.712	0.000	0.712	0.062	0.650	35.183	486	3.50	35.0	30.0	1.053	993	448	CRE.	1995
NEILBURG	COLONY SAND	2.488	2.18	0.00	2.18	0.054	0.000	0.054	0.039	0.016	4.781	486	2.20	35.0	30.0	1.053	953	554	CRE.	1983
	MCLAREN SAND	15.470	10.52	0.00	10.52	1.627	0.000	1.627	1.266	0.362	73.760	2072	3.95	30.0	30.0	1.111	964	570	CRE.	1978

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2000	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/00	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH	SYSTEM	DISC.
		1000000 m3		%				1000000 m3			1000 m3	ha	m		%	FACTOR	KG/m3	m		YEAR
NORTHMINSTER	SPARKY SAND (NON-UNIT)	7.451	1.90	1.27	3.17	0.142	0.095	0.236	0.192	0.044	7.654	437	6.00	34.0	15.0	1.017	967	541	CRE.	1959
	SPARKY SAND (VOLUNTARY UNIT)	10.939	3.50	4.11	7.61	0.383	0.449	0.832	0.829	0.003	1.340	987	3.90	34.0	15.0	1.017	976	541	CRE.	1959
NORTHMINSTER NORTH	G.P. SAND	1.178	2.76	0.00	2.76	0.033	0.000	0.033	0.027	0.006	3.603	178	4.20	25.0	30.0	1.111	984	543	CRE.	1961
	SPARKY SAND	6.030	11.10	0.00	11.10	0.669	0.000	0.669	0.265	0.404	26.649	811	4.72	25.0	30.0	1.111	970	524	CRE.	1961
PIKES PEAK	G.P. SAND	2.929	8.70	0.00	8.70	0.255	0.000	0.255	0.242	0.013	3.090	307	4.10	35.0	30.0	1.053	970	530	CRE.	1970
	SPARKY SAND	2.286	0.47	0.00	0.47	0.011	0.000	0.011	0.011	0.000	0.083	599	1.64	35.0	30.0	1.053	964	515	CRE.	1973
	WASECA SAND	16.643	1.70	48.90	50.60	0.283	8.138	8.421	6.519	1.903	524.214	712	8.50	33.0	15.0	1.020	978	497	CRE.	1970
REWARD	WASECA SAND	6.326	14.30	0.00	14.30	0.905	0.000	0.905	0.280	0.625	190.425	793	4.00	30.0	30.0	1.053	961	680	CRE.	1980
RUSH LAKE	G.P. SAND	9.762	10.25	0.00	10.25	1.001	0.000	1.001	0.632	0.369	180.374	890	6.60	25.0	30.0	1.053	970	470	CRE.	1985
	SPARKY SAND	13.349	8.90	0.00	8.90	1.188	0.000	1.188	0.530	0.658	41.254	1695	5.00	25.0	30.0	1.111	978	478	CRE.	1971
	WASECA SAND	15.103	15.20	0.00	15.20	2.296	0.000	2.296	0.787	1.509	154.720	2397	4.00	25.0	30.0	1.111	977	450	CRE.	1971
RUTLAND	CUMMINGS-DINA SAND	4.587	5.25	0.00	5.25	0.241	0.000	0.241	0.183	0.058	18.919	211	8.40	33.0	20.0	1.020	980	725	CRE.	1993
SALT LAKE	LLOYDMINSTER SAND	11.892	8.00	5.10	13.10	0.951	0.607	1.558	1.225	0.333	78.029	1214	4.50	28.0	20.0	1.029	970	737	CRE.	1985
SENLAC	CUMMINGS-DINA SAND	37.606	10.00	1.27	11.27	3.761	0.480	4.261	2.825	1.436	371.260	1489	10.75	31.0	20.0	1.050	978	787	CRE.	1990
	LLOYDMINSTER SAND	11.901	6.00	15.60	21.60	0.714	1.857	2.571	1.826	0.745	125.080	1462	4.75	28.0	32.0	1.111	968	787	CRE.	1980
	WASECA SAND	2.136	1.65	0.00	1.65	0.035	0.000	0.035	0.035	0.001	0.430	210	5.10	30.0	30.0	1.053	978	670	CRE.	1991
SILVERDALE	SPARKY SAND	21.919	6.20	2.43	8.63	1.359	0.533	1.892	1.738	0.154	44.933	2233	3.80	34.0	20.0	1.053	965	564	CRE.	1968
SODA LAKE	CUMMINGS SAND	31.928	2.83	0.00	2.83	0.904	0.000	0.904	0.747	0.156	63.045	3000	4.30	33.0	25.0	1.000	971	610	CRE.	1978
STANDARD HILL	WASECA SAND	17.125	8.74	0.00	8.74	1.497	0.000	1.497	1.462	0.035	10.317	1700	3.56	34.0	16.0	1.015	958	472	CRE.	1963
STANDARD HILL NORTH	G.P. SAND	1.136	8.75	0.00	8.75	0.099	0.000	0.099	0.061	0.039	5.023	97	4.85	35.0	30.0	1.015	985	485	CRE.	1979
	REX SAND	0.166	10.00	0.00	10.00	0.017	0.000	0.017	0.013	0.003	1.892	32	2.15	35.0	30.0	1.015	985	500	CRE.	1979
	SPARKY SAND	0.314	20.10	0.00	20.10	0.063	0.000	0.063	0.059	0.004	0.373	65	2.00	35.0	30.0	1.015	985	465	CRE.	1979
	WASECA SAND	1.855	10.90	0.00	10.90	0.202	0.000	0.202	0.129	0.073	15.344	226	3.40	35.0	30.0	1.015	985	445	CRE.	1979
STANDARD HILL WEST	MCLAREN SAND	1.354	12.20	0.00	12.20	0.165	0.000	0.165	0.045	0.120	28.613	194	3.00	35.0	30.0	1.053	965	420	CRE.	1999
TANGLEFLAGS	G.P. SAND (NON-UNIT)	53.568	7.85	0.43	8.28	4.205	0.228	4.433	2.470	1.963	173.143	4161	4.81	35.0	22.0	1.020	970	492	CRE.	1971
	G.P. SAND (VOL UNIT NO. 3)	4.857	4.86	0.00	4.86	0.236	0.000	0.236	0.236	0.000	0.864	567	3.20	33.3	18.0	1.020	969	490	CRE.	1971
	G.P. SAND (VOL UNIT NO. 4)	2.544	9.70	0.00	9.70	0.247	0.000	0.247	0.233	0.014	4.904	372	3.10	30.0	25.0	1.020	970	492	CRE.	1971
	LLOYDMINSTER SAND (NON-UNIT)	43.877	6.10	0.00	6.10	2.677	0.000	2.677	1.653	1.024	59.407	4633	3.68	35.0	25.0	1.020	962	532	CRE.	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 2)	4.011	5.50	4.43	9.93	0.221	0.178	0.398	0.386	0.012	4.426	421	4.10	30.0	21.0	1.020	959	532	CRE.	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 3)	5.247	5.00	0.00	5.00	0.262	0.000	0.262	0.262	0.000	0.000	752	3.40	30.6	31.6	1.020	960	532	CRE.	1965
	LLOYDMINSTER SAND (VOL UNIT NO. 4)	3.715	3.80	1.50	5.30	0.141	0.056	0.197	0.185	0.012	3.242	372	3.80	32.3	17.0	1.020	960	518	CRE.	1965
	MCLAREN SAND (NON-UNIT)	12.332	11.80	0.00	11.80	1.455	0.000	1.455	0.570	0.886	71.478	1672	3.17	35.0	30.0	1.053	970	443	CRE.	1965
	MCLAREN SAND (VOL UNIT NO. 3)	1.089	1.30	0.00	1.30	0.014	0.000	0.014	0.014	0.000	0.000	130	3.60	35.0	30.0	1.053	970	443	CRE.	1965
	SPARKY SAND (NON-UNIT)	31.436	10.60	0.00	10.60	3.332	0.000	3.332	1.306	2.026	234.110	4034	3.27	35.0	30.0	1.028	969	511	CRE.	1969
	SPARKY SAND (VOL UNIT NO. 3)	4.857	2.20	0.00	2.20	0.107	0.000	0.107	0.104	0.003	2.085	627	3.25	35.0	30.0	1.028	970	511	CRE.	1969
	SPARKY SAND (VOL. UNIT NO. 4)	2.002	4.20	0.00	4.20	0.084	0.000	0.084	0.045	0.039	6.770	227	3.70	35.0	30.0	1.028	970	511	CRE.	1969
	WASECA	4.473	18.60	0.00	18.60	0.832	0.000	0.832	0.185	0.647	77.010	712	2.70	35.0	30.0	1.053	983	427	CRE.	1978
TANGLEFLAGS EAST	MCLAREN SAND	2.135	6.60	0.00	6.60	0.141	0.000	0.141	0.126	0.015	3.477	308	4.40	25.0	30.0	1.111	973	359	CRE.	1978
TANGLEFLAGS NORTH	G.P. SAND	3.941	2.85	0.00	2.85	0.112	0.000	0.112	0.078	0.034	15.777	308	5.50	35.0	30.0	1.053	978	450	CRE.	1977
	LLOYDMINSTER/CUMMINGS SAND	42.944	2.85	8.10	10.95	1.224	3.478	4.702	2.925	1.777	272.963	1878	9.52	35.0	30.0	1.020	970	515	CRE.	1977

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
TANGLEFLAGS WEST	G.P. SAND	16.325	11.00	0.00	11.00	1.796	0.000	1.796	0.622	1.173	205.827	1109	5.50	35.0	22.0	1.020	979	516	CRE.	1972
	LLOYDMINSTER SAND	5.545	4.12	0.00	4.12	0.228	0.000	0.228	0.179	0.050	7.581	567	3.80	35.0	25.0	1.020	967	563	CRE.	1972
	MCLAREN SAND	6.240	13.70	0.00	13.70	0.855	0.000	0.855	0.385	0.470	79.039	631	4.25	35.0	30.0	1.053	980	462	CRE.	1978
	SPARKY SAND	8.508	12.00	0.00	12.00	1.021	0.000	1.021	0.426	0.595	74.035	1020	3.50	35.0	30.0	1.028	975	498	CRE.	1972
TURTLEFORD	WASECA SAND	2.017	2.20	0.00	2.20	0.044	0.000	0.044	0.025	0.020	7.341	113	8.95	30.0	30.0	1.053	985	465	CRE.	1981
WESTHAZEL	G.P. SAND	14.813	2.93	0.00	2.93	0.434	0.000	0.434	0.351	0.083	22.698	810	7.86	35.0	30.0	1.053	977	485	CRE.	1971
	SPARKY SAND	14.300	5.50	0.00	5.50	0.786	0.000	0.786	0.602	0.184	34.157	1247	5.20	35.0	30.0	1.111	967	455	CRE.	1969
	WASECA SAND	5.566	6.20	0.00	6.20	0.345	0.000	0.345	0.201	0.144	26.513	939	3.83	24.0	35.0	1.008	975	470	CRE.	1973
WINTER	CUMMINGS SAND	74.709	5.58	0.00	5.58	4.169	0.000	4.169	2.973	1.196	431.646	2299	11.20	33.0	9.0	1.035	980	660	CRE.	1980
WINTER SOUTH	CUMMINGS SAND	27.109	1.80	0.00	1.80	0.488	0.000	0.488	0.277	0.211	93.266	599	16.00	33.0	10.0	1.050	976	660	CRE.	1980
	MCLAREN SAND	2.638	1.67	0.00	1.67	0.044	0.000	0.044	0.043	0.002	1.821	162	7.00	35.0	30.0	1.053	985	650	CRE.	1991
	TOTAL AREA 1H	**1,917.855**				**127.255**	**36.487**	**163.742**	**102.450**	**61.294**	**8,427.294**									
AREA 2H																				
MISCELLANEOUS	BAKKEN SAND	48.050	5.50	0.00	5.50	2.643	0.000	2.643	0.788	1.855	215.510	3950	6.50	26.6	25.0	1.066			MIS.	
	BASAL MANNVILLE SAND	5.060	2.20	0.00	2.20	0.112	0.000	0.112	0.052	0.059	11.283	437	6.00	27.2	25.0	1.053			CRE.	
	BIRDBEAR	0.542	1.46	0.00	1.46	0.008	0.000	0.008	0.006	0.002	0.323	49	13.50	18.2	40.0	1.333			DEV.	
	MADISON	0.327	6.20	0.00	6.20	0.020	0.000	0.020	0.003	0.017	2.974	49	4.40	22.5	25.0	1.111			CRE.-JUR.	
	MANNVILLE SAND	12.348	4.00	0.00	4.00	0.494	0.000	0.494	0.339	0.154	33.349	1651	4.00	26.8	25.0	1.075			CRE.	
	SUCCESS	11.065	2.85	0.00	2.85	0.315	0.000	0.315	0.140	0.176	17.310	761	9.40	29.5	30.0	1.335			CRE.-JUR.	
ALSASK	BASAL MANNVILLE SAND	0.238	13.10	0.00	13.10	0.031	0.000	0.031	0.025	0.006	0.946	65	3.96	27.4	55.0	1.333	953	818	CRE.	1968
BUFFALO COULEE	BAKKEN SAND	5.062	2.50	11.25	13.75	0.127	0.572	0.699	0.645	0.053	19.849	719	3.72	26.6	25.0	1.050	978	823	MIS.	1952
BUFFALO COULEE NORTH	BAKKEN SAND	10.386	3.20	2.50	5.70	0.332	0.260	0.592	0.414	0.178	65.867	777	6.80	29.6	31.0	1.039	981	814	MIS.	1952
CACTUS LAKE	BASAL MANNVILLE-BAKKEN (VOL UNIT 3)	2.726	9.50	10.80	20.30	0.259	0.294	0.553	0.094	0.459	18.547	191	7.52	29.0	32.0	1.039	948	850	CRE.-MIS.	1995
	BASAL MANNVILLE-BAKKEN (NON-UNIT)	7.387	8.20	1.10	9.30	0.606	0.081	0.687	0.354	0.333	25.576	615	6.00	32.0	35.0	1.039	964	851	CRE.-MIS.	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 1)	4.453	11.20	12.45	23.65	0.499	0.554	1.053	0.611	0.442	25.060	259	9.16	30.0	35.0	1.039	964	851	CRE.-MIS.	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 2)	24.802	10.00	20.00	30.00	2.480	4.960	7.441	2.893	4.547	155.766	2736	4.83	30.0	35.0	1.039	964	851	CRE.-MIS.	1974
CACTUS LAKE EAST	BAKKEN SAND	2.536	8.00	0.00	8.00	0.203	0.000	0.203	0.045	0.158	20.731	178	7.50	27.0	25.0	1.066	950	785	MIS.	1997
CACTUS LAKE NORTH	MCLAREN SAND (NON-UNIT)	36.316	6.90	0.00	6.90	2.506	0.000	2.506	1.894	0.612	120.420	1317	14.00	28.1	25.0	1.070	985	760	CRE.	1979
	MCLAREN SAND (VOL UNIT NO. 1)	15.790	6.10	0.00	6.10	0.963	0.000	0.963	0.659	0.304	71.032	547	13.20	30.0	22.0	1.070	989	760	CRE.	1979
COLEVILLE	BAKKEN SAND	54.377	4.60	17.44	22.04	2.501	9.483	11.985	9.171	2.813	139.243	3076	11.46	24.1	31.0	1.078	982	823	MIS.	1951
	MANNVILLE SAND	1.190	8.75	0.00	8.75	0.104	0.000	0.104	0.097	0.007	3.020	178	3.96	25.0	25.0	1.111	976	765	CRE.	1952
COLEVILLE SOUTH	BAKKEN SAND (NON-UNIT)	13.383	3.10	0.00	3.10	0.415	0.000	0.415	0.124	0.291	35.469	583	10.60	30.0	25.0	1.039	972	818	MIS.	1983
	BAKKEN SAND (UNIT)	11.642	8.05	3.62	11.67	0.937	0.421	1.359	0.786	0.573	87.112	1344	4.00	30.0	25.0	1.039	972	818	MIS.	1983
	MANNVILLE SAND	2.595	7.97	0.00	7.97	0.207	0.000	0.207	0.088	0.119	6.423	162	9.49	25.0	25.0	1.111	974	757	CRE.	1983
	SUCCESS	3.437	3.90	0.00	3.90	0.134	0.000	0.134	0.104	0.030	4.130	154	13.10	27.0	30.0	1.111	984	870	CRE.-JUR.	1985
COLEVILLE WEST	BAKKEN SAND	0.854	10.50	0.00	10.50	0.090	0.000	0.090	0.079	0.010	2.958	80	4.74	33.0	29.0	1.040	982	813	MIS.	1996
COSINE LAKE	LLOYDMINSTER SAND	7.487	0.99	0.00	0.99	0.074	0.000	0.074	0.078	0.000	1.813	871	4.70	29.0	30.0	1.110	965	776	CRE.	1972
COURT	BAKKEN SAND (NON-UNIT)	6.038	8.30	0.00	8.30	0.501	0.000	0.501	0.289	0.212	33.517	453	5.75	32.0	23.0	1.063	953	863	MIS.	1982

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
COURT	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	11.982	6.30	17.50	23.80	0.755	2.097	2.852	2.374	0.478	101.462	777	7.47	28.5	23.0	1.063	953	863	MIS.	1982
COURT NORTH	BAKKEN SAND	5.021	3.62	0.00	3.62	0.182	0.000	0.182	0.077	0.105	15.944	291	7.30	33.5	25.0	1.063	960	872	MIS.	1983
COURT SOUTH	BAKKEN SAND	6.633	5.00	5.44	10.44	0.332	0.361	0.693	0.274	0.418	23.621	324	9.70	30.0	25.0	1.066	968	855	MIS.	1979
COURT WEST	BAKKEN SAND	2.163	8.50	0.00	8.50	0.184	0.000	0.184	0.064	0.119	13.898	146	7.00	30.0	25.0	1.063	990	845	MIS.	1995
DRUID	MANNVILLE SAND	1.829	2.34	0.00	2.34	0.043	0.000	0.043	0.041	0.002	1.453	162	6.92	25.9	30.0	1.111	969	729	CRE.	1969
ERMINE	MANNVILLE SAND	1.861	3.42	0.00	3.42	0.064	0.000	0.064	0.066	0.000	0.791	243	4.12	27.5	25.0	1.111	969	694	CRE.	1979
FUSILIER	BAKKEN SAND	10.494	14.60	0.00	14.60	1.532	0.000	1.532	0.776	0.756	69.500	745	7.70	25.0	22.0	1.066	962	799	MIS.	1955
FUSILIER NORTH	BAKKEN SAND	2.056	7.00	10.00	17.00	0.144	0.206	0.350	0.035	0.314	29.674	190	5.50	31.0	33.1	1.054	959	860	MIS.	1997
HEARTS HILL	BAKKEN SAND	3.611	4.80	1.30	6.10	0.173	0.047	0.220	0.215	0.005	9.202	324	5.67	27.6	25.0	1.053	953	758	MIS.	1983
HOOSIER	BAKKEN SAND (NON-UNIT)	20.443	14.50	0.00	14.50	2.964	0.000	2.964	0.851	2.113	110.540	1538	7.18	25.3	22.0	1.066	976	865	MIS.	1973
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	3.128	4.00	9.30	13.30	0.125	0.291	0.416	0.329	0.087	10.333	228	5.88	31.5	22.0	1.053	975	865	MIS.	1973
KERROBERT	MANNVILLE SAND	1.406	47.30	0.00	47.30	0.665	0.000	0.665	0.352	0.313	91.321	210	3.00	31.0	20.0	1.111	995	795	CRE.	1995
KERROBERT NORTH	MANNVILLE SAND	14.960	0.92	0.00	0.92	0.138	0.000	0.138	0.129	0.009	5.683	308	20.00	30.0	15.0	1.050	995	775	CRE.	1995
LOVERNA	SUCCESS	2.220	6.61	0.00	6.61	0.147	0.000	0.147	0.116	0.031	2.706	130	10.50	28.9	25.0	1.333	957	853	CRE.-JUR.	1952
LUSELAND	BAKKEN SAND	39.512	11.45	1.65	13.10	4.524	0.652	5.176	1.953	3.223	309.189	1489	11.82	31.5	25.0	1.053	983	739	MIS.	1979
	MANNVILLE SAND	8.358	0.81	0.00	0.81	0.068	0.000	0.068	0.057	0.011	2.970	178	20.10	32.8	25.0	1.053	996	763	CRE.	1985
MANTARIO EAST	BASAL MANNVILLE (NON-UNIT)	2.484	8.97	0.00	8.97	0.223	0.000	0.223	0.114	0.109	24.160	178	5.72	31.0	15.0	1.080	969	860	CRE.	1995
	BASAL MANNVILLE (VOL. UNIT NO. 1)	2.596	3.60	10.32	13.92	0.093	0.268	0.361	0.217	0.144	30.433	186	5.72	31.0	15.0	1.080	969	860	CRE.	1995
MANTARIO NORTH	BASAL MANNVILLE (NON-UNIT)	2.174	19.10	0.00	19.10	0.415	0.000	0.415	0.120	0.295	31.549	162	6.00	30.0	20.0	1.073	960	900	CRE.	1994
	BASAL MANNVILLE (VOL. UNIT NO. 1)	16.535	4.60	29.00	33.60	0.761	4.795	5.556	1.782	3.774	372.364	1166	6.34	30.0	20.0	1.073	960	900	CRE.	1994
MARENGO SOUTH	BASAL MANNVILLE	11.822	6.10	8.75	14.85	0.721	1.034	1.756	0.998	0.757	98.005	793	6.20	30.0	14.0	1.073	969	808	CRE.	1991
MILTON	BAKKEN SAND	4.387	8.20	0.00	8.20	0.360	0.000	0.360	0.193	0.166	34.752	437	4.90	28.0	22.0	1.066	960	846	MIS.	1994
	SUCCESS (NON-UNIT)	2.812	3.20	0.00	3.20	0.090	0.000	0.090	0.050	0.040	6.918	130	9.63	31.0	25.0	1.035	963	788	CRE.-JUR.	1980
NORTH HOOSIER	BAKKEN SAND (NON-UNIT)	10.619	7.35	0.00	7.35	0.795	0.000	0.795	0.425	0.370	51.286	874	7.23	23.4	22.0	1.066	958	878	MIS.	1965
	BAKKEN SAND (VOLUNTARY UNIT)	8.498	2.30	14.40	16.70	0.195	1.224	1.419	1.197	0.222	20.121	452	9.40	30.0	30.0	1.050	956	878	MIS.	1965
	BASAL MANNVILLE SAND (NON-UNIT)	7.576	7.40	0.00	7.40	0.561	0.000	0.561	0.262	0.299	72.213	648	5.25	32.0	27.0	1.049	970	838	CRE.	1964
	BASAL MANNVILLE SAND (VOL UNIT)	4.147	6.00	15.80	21.80	0.249	0.655	0.904	0.810	0.094	16.698	313	6.80	28.0	27.0	1.049	970	838	CRE.	1964
NORTH SMILEY	BAKKEN SAND	0.335	1.50	0.00	1.50	0.005	0.000	0.005	0.001	0.004	0.000	32	5.90	25.4	25.0	1.075	985	810	MIS.	1981
	BAKKEN SAND (VOL. UNIT NO. 1)	10.494	1.94	4.10	6.04	0.204	0.430	0.634	0.224	0.410	28.289	1166	4.20	30.0	25.0	1.050	985	810	MIS.	1981
ONWARD	BASAL MANNVILLE SAND	2.878	7.90	0.00	7.90	0.227	0.000	0.227	0.175	0.053	18.194	162	8.40	33.2	31.4	1.077	971	810	CRE.	1987
PLOVER LAKE	BAKKEN SAND	20.017	12.85	1.20	14.05	2.572	0.240	2.812	1.854	0.959	147.622	1230	7.30	31.3	25.0	1.053	963	817	MIS.	1974
	MCLAREN SAND (NON-UNIT)	21.382	3.80	0.00	3.80	0.813	0.000	0.813	0.595	0.218	48.055	615	16.11	30.3	25.0	1.053	984	720	CRE.	1985
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	11.621	5.93	0.00	5.93	0.689	0.000	0.689	0.534	0.155	16.937	243	21.59	31.1	25.0	1.053	984	720	CRE.	1985
PLOVER LAKE EAST	BAKKEN SAND	36.132	4.60	0.00	4.60	1.662	0.000	1.662	1.129	0.533	153.601	1295	11.30	32.5	20.0	1.053	963	825	MIS.	1990
PLOVER LAKE SOUTH	BAKKEN SAND	3.839	0.82	0.00	0.82	0.031	0.000	0.031	0.023	0.009	4.359	211	8.60	29.7	25.0	1.053	964	814	MIS.	1965
PLOVER LAKE WEST	BAKKEN SAND	6.941	2.30	0.00	2.30	0.160	0.000	0.160	0.066	0.093	10.306	421	7.00	31.0	20.0	1.053	963	802	MIS.	1976
SMILEY	BAKKEN SAND	0.757	19.30	0.00	19.30	0.146	0.000	0.146	0.070	0.076	15.462	67	6.00	30.0	35.0	1.036	964	805	MIS.	1996
SUPERB	WASECA SAND	2.380	7.40	0.00	7.40	0.176	0.000	0.176	0.084	0.092	38.643	194	4.60	34.0	20.0	1.020	990	770	CRE.	1996
SUPERB NORTH	WASECA SAND (VOL UNIT NO. 1)	1.451	0.20	0.00	0.20	0.003	0.000	0.003	0.003	0.000	0.000	32	17.00	34.0	20.0	1.020	995	745	CRE.	1996

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%	%		KG/m3	m		
	TOTAL AREA 2H	**615.884**				**39.751**	**28.927**	**68.678**	**38.414**	**30.270**	**3,164.486**									
AREA 2L																				
MISCELLANEOUS	VIKING SAND	24.807	2.44	0.00	2.44	0.605	0.000	0.605	0.347	0.258	32.618	4727	3.90	23.0	35.0	1.111			CRE	
AVON HILL	VIKING (NON-UNIT)	4.147	8.45	0.00	8.45	0.350	0.000	0.350	0.326	0.024	4.528	1488	2.43	23.0	45.0	1.103	844	725	CRE	1959
	VIKING (VOLUNTARY UNIT)	4.493	5.95	0.00	5.95	0.267	0.000	0.267	0.255	0.013	3.834	1586	2.47	23.0	45.0	1.103	844	725	CRE	1959
DODSLAND	VIKING (EAGLE LAKE VOL UNIT)	11.207	16.30	20.85	37.15	1.827	2.337	4.163	3.152	1.011	73.372	3772	2.66	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (EAST DODSLAND VOL UNIT)	24.431	4.50	0.00	4.50	1.099	0.000	1.099	1.064	0.035	17.886	6814	3.21	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH SOUTH VOL UNIT)	0.396	15.50	1.70	17.20	0.061	0.007	0.068	0.058	0.011	0.861	129	2.75	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH UNIT)	9.546	12.60	24.50	37.10	1.203	2.339	3.542	2.639	0.903	46.437	3011	2.93	21.7	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT NO. 2)	2.327	3.10	1.80	4.90	0.072	0.042	0.114	0.093	0.021	2.034	712	2.90	22.6	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT)	2.323	7.80	0.00	7.80	0.181	0.000	0.181	0.159	0.022	7.130	842	2.47	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NON-UNIT)	55.562	7.49	0.00	7.49	4.162	0.000	4.162	4.036	0.125	78.827	20387	2.44	22.4	45.0	1.103	842	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT NO. 2)	0.942	6.05	0.00	6.05	0.057	0.000	0.057	0.050	0.007	1.116	356	2.37	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT)	7.253	5.85	0.00	5.85	0.424	0.000	0.424	0.354	0.071	12.757	1910	3.40	22.4	45.0	1.103	840	671	CRE	1956
EUREKA	VIKING (NON-UNIT)	7.660	4.05	0.00	4.05	0.310	0.000	0.310	0.258	0.052	8.424	1522	4.15	23.0	42.0	1.100	849	724	CRE	1954
	VIKING (NORTH EUREKA UNIT)	6.709	9.15	12.05	21.20	0.614	0.808	1.422	1.294	0.129	14.144	1683	3.32	23.0	42.0	1.111	853	724	CRE	1954
	VIKING (SOUTH EUREKA UNIT)	6.811	9.55	16.10	25.65	0.650	1.097	1.747	1.458	0.289	22.499	1522	3.69	23.0	42.0	1.100	853	724	CRE	1954
FORGAN	VIKING	1.563	6.50	0.00	6.50	0.102	0.000	0.102	0.080	0.021	1.970	534	2.57	23.0	45.0	1.111	842	714	CRE	1981
FORGAN WEST	VIKING	2.466	4.40	0.00	4.40	0.109	0.000	0.109	0.091	0.017	3.404	567	3.82	23.0	45.0	1.111	842	680	CRE	1984
KERROBERT	VIKING	38.681	5.30	1.80	7.10	2.050	0.696	2.746	2.455	0.291	78.962	17034	1.98	23.0	45.0	1.103	842	714	CRE	1981
LUCKY HILLS	VIKING (NON-UNIT)	1.669	9.47	0.00	9.47	0.158	0.000	0.158	0.133	0.025	3.063	518	3.10	21.0	45.0	1.111	843	716	CRE	1959
	VIKING (VOLUNTARY UNIT)	1.573	5.43	0.00	5.43	0.085	0.000	0.085	0.085	0.001	0.455	453	3.05	23.0	45.0	1.111	843	716	CRE	1959
PLATO	VIKING (NON-UNIT)	3.060	3.13	0.00	3.13	0.096	0.000	0.096	0.095	0.001	2.561	842	2.84	22.0	38.0	1.066	856	644	CRE	1968
	VIKING (VOLUNTARY UNIT NO. 1)	6.542	4.20	1.34	5.54	0.275	0.088	0.362	0.357	0.006	2.423	1554	3.29	22.0	38.0	1.066	853	644	CRE	1968
PLATO NORTH	VIKING	16.955	7.50	0.00	7.50	1.272	0.000	1.272	1.010	0.261	29.202	4791	2.63	23.0	35.0	1.111	865	705	CRE	1978
PLENTY	VIKING	5.627	3.57	0.00	3.57	0.201	0.000	0.201	0.189	0.011	6.968	1457	2.87	23.0	35.0	1.111	853	640	CRE	1985
PRAIRIEDALE	VIKING	19.384	3.20	0.00	3.20	0.620	0.000	0.620	0.369	0.251	27.971	3141	5.42	23.0	45.0	1.111	870	743	CRE	1984
SMILEY-DEWAR	VIKING (NON-UNIT)	22.674	16.65	5.90	22.55	3.775	1.338	5.113	4.670	0.443	33.368	4240	4.42	24.0	45.0	1.091	875	701	CRE	1953
	VIKING (VOLUNTARY UNIT NO. 1)	3.808	10.25	4.00	14.25	0.390	0.152	0.543	0.473	0.070	8.747	712	4.42	24.0	45.0	1.091	875	700	CRE	1953
VERENDRYE	VIKING	18.034	3.75	0.00	3.75	0.676	0.000	0.676	0.620	0.056	20.368	3481	3.85	23.0	35.0	1.111	865	713	CRE	1987
WHITESIDE	VIKING SAND (NON-UNIT)	5.655	5.07	0.00	5.07	0.287	0.000	0.287	0.271	0.016	8.256	2573	1.83	24.0	45.0	1.099	870	751	CRE	1953
	VIKING SAND (VOLUNTARY UNIT)	2.668	12.20	0.00	12.20	0.326	0.000	0.326	0.307	0.018	4.656	1214	1.83	24.0	45.0	1.099	870	751	CRE	1953
	TOTAL AREA 2L	**318.975**				**22.366**	**8.903**	**31.269**	**26.750**	**4.469**	**558.838**									
AREA 3M																				
MISCELLANEOUS	BASAL MANNVILLE SAND	6.349	2.60	0.00	2.60	0.165	0.000	0.165	0.080	0.085	18.518	502	7.60	25.0	30.7	1.041			CRE	
	CANTUAR SAND	10.638	4.70	0.00	4.70	0.500	0.000	0.500	0.332	0.168	36.991	1014	6.10	24.5	25.8	1.057			CRE	
	GRAVELBOURG	0.124	21.70	0.00	21.70	0.027	0.000	0.027	0.022	0.005	0.433	16	8.23	16.7	25.0	1.333			JUR	

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
MISCELLANEOUS	LOWER SHAUNAVON	0.945	6.80	0.00	6.80	0.064	0.000	0.064	0.047	0.017	2.348	162	5.30	16.5	25.0	1.124			JUR.	
	MADISON	0.738	8.60	0.00	8.60	0.063	0.000	0.063	0.016	0.047	6.764	113	4.50	21.5	25.0	1.111			MIS.	
	PREMIER SAND (N. PREMIER UNIT NO. 2)	0.232	15.00	13.94	28.94	0.035	0.032	0.067	0.067	0.000	0.000	75	1.40	30.6	25.0	1.045			CRE.	
	ROSERAY SAND	5.362	12.40	0.00	12.40	0.665	0.000	0.665	0.453	0.212	29.393	564	4.70	24.9	26.3	1.068			JUR.	
	SHAUNAVON	0.124	3.50	0.00	3.50	0.004	0.000	0.004	0.002	0.002	0.166	32	3.00	18.0	25.0	1.042			JUR.	
	UPPER SHAUNAVON	7.560	8.00	0.00	8.00	0.605	0.000	0.605	0.493	0.112	32.063	1457	4.10	17.5	21.1	1.091			JUR.	
ANTELOPE	CANTUAR SAND	0.732	5.80	0.00	5.80	0.042	0.000	0.042	0.032	0.011	6.725	81	4.84	28.0	30.0	1.050	920	1090	CRE.	1996
ANTELOPE LAKE	ROSERAY SAND (NON-UNIT)	0.470	25.70	0.00	25.70	0.121	0.000	0.121	0.088	0.033	14.696	97	2.63	26.4	25.0	1.075	923	970	JUR.	1994
	UPPER SHAUNAVON (NON-UNIT)	0.738	4.10	0.00	4.10	0.030	0.000	0.030	0.019	0.011	2.405	194	3.75	16.5	40.0	0.976	914	1037	JUR.	1964
	UPPER SHAUNAVON (VOLUNTARY UNIT)	1.017	16.00	4.50	20.50	0.163	0.046	0.208	0.163	0.045	7.992	453	2.13	18.0	40.0	1.025	914	1037	JUR.	1964
ANTELOPE LAKE EAST	ROSERAY SAND	0.457	2.20	0.00	2.20	0.010	0.000	0.010	0.010	0.000	0.079	65	5.00	23.9	37.0	1.070	923	950	JUR.	1964
ANTELOPE LAKE NORTH	CANTUAR SAND	0.185	3.20	5.10	8.30	0.006	0.009	0.015	0.010	0.005	1.018	94	1.50	23.0	40.0	1.050	920	1000	CRE.	1995
	ROSERAY SAND	0.443	8.10	13.20	21.30	0.036	0.059	0.094	0.085	0.009	4.400	59	4.95	28.0	42.0	1.070	923	1025	JUR.	1995
ANTELOPE LAKE SOUTH	ROSERAY SAND	0.584	13.50	0.00	13.50	0.079	0.000	0.079	0.063	0.015	5.787	65	4.60	28.0	25.0	1.075	923	1035	JUR.	1964
BATTLE CREEK	MADISON	0.917	19.90	0.00	19.90	0.182	0.000	0.182	0.132	0.051	11.807	146	6.85	16.0	40.0	1.047	997	1390	MIS.	1966
	UPPER SHAUNAVON	0.563	10.60	0.00	10.60	0.060	0.000	0.060	0.055	0.005	1.333	146	4.57	12.5	25.0	1.111	945	1337	JUR.	1966
BATTLE CREEK SOUTH	UPPER SHAUNAVON	1.822	36.10	0.00	36.10	0.658	0.000	0.658	0.549	0.109	22.136	194	9.80	14.2	25.0	1.111	915	1305	JUR.	1988
BATTRUM	ROSERAY SAND (NON-UNIT)	0.545	9.90	0.00	9.90	0.054	0.000	0.054	0.047	0.007	1.066	49	8.50	22.1	39.3	1.026	942	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 1)	32.876	10.00	25.20	35.20	3.288	8.285	11.572	7.648	3.926	208.583	1810	10.73	26.0	33.2	1.026	938	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 2)	5.990	6.60	45.00	51.60	0.395	2.695	3.091	2.343	0.748	69.612	324	9.75	27.4	29.0	1.026	943	883	JUR.	1955
	ROSERAY SAND (UNIT NO. 4)	3.431	8.30	39.10	47.40	0.285	1.341	1.626	1.556	0.071	23.075	453	5.09	25.1	39.3	1.024	942	883	JUR.	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 3)	8.086	8.00	24.50	32.50	0.647	1.981	2.628	2.309	0.319	55.365	971	5.44	25.2	38.1	1.019	942	883	JUR.	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 5)	0.346	10.00	9.40	19.40	0.035	0.032	0.067	0.046	0.021	2.925	65	4.82	24.4	53.8	1.022	942	883	JUR.	1955
BATTRUM EAST	ROSERAY SAND	0.360	7.00	36.30	43.30	0.025	0.131	0.156	0.150	0.006	3.657	81	2.99	25.1	39.3	1.024	938	913	JUR.	1987
BATTRUM NORTH	ROSERAY SAND (NON-UNIT)	0.085	14.40	17.90	32.30	0.012	0.015	0.027	0.022	0.005	1.042	32	2.00	23.0	41.0	1.026	940	865	JUR.	1995
	ROSERAY SAND (VOLUNTARY UNIT NO. 1)	1.636	17.00	29.05	46.05	0.278	0.475	0.753	0.376	0.377	42.865	227	4.70	25.0	35.0	1.060	942	866	JUR.	1979
BENCH	SHAUNAVON	0.082	12.80	0.00	12.80	0.011	0.000	0.011	0.008	0.004	6.041	16	4.50	15.0	20.0	1.051	915	1351	JUR.	2000
	UPPER SHAUNAVON (NON-UNIT)	6.032	10.00	1.30	11.30	0.603	0.078	0.682	0.445	0.237	32.965	1182	4.00	16.0	15.0	1.064	915	1347	JUR.	1989
	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.946	6.90	1.30	8.20	0.134	0.025	0.160	0.134	0.025	3.812	446	2.90	19.9	20.0	1.058	915	1347	JUR.	1989
BEVERLEY	CANTUAR SAND (NON-UNIT)	0.571	0.00	0.00	0.00	0.000	0.000	0.000	0.004	0.000	0.000	81	6.90	20.4	46.1	1.076	920	991	CRE.	1989
	CANTUAR SAND (VOL UNIT NO. 1)	6.243	8.00	7.00	15.00	0.499	0.437	0.936	0.734	0.202	31.858	1230	4.30	25.1	49.4	1.076	920	991	CRE.	1989
	CANTUAR SAND (VOL UNIT NO. 3)	1.025	7.40	0.00	7.40	0.076	0.000	0.076	0.069	0.007	1.983	372	2.79	21.0	49.4	1.076	920	991	CRE.	1989
	ROSERAY SAND (NON-UNIT)	0.921	8.10	0.00	8.10	0.075	0.000	0.075	0.035	0.039	4.192	113	5.30	26.7	38.8	1.063	929	983	JUR.	1952
	ROSERAY SAND (UNIT NO. 1)	4.036	15.00	38.90	53.90	0.605	1.570	2.175	1.992	0.183	23.551	805	3.11	28.0	38.8	1.063	926	983	JUR.	1952
	ROSERAY SAND (VOL UNIT NO. 2)	1.765	9.70	32.20	41.90	0.171	0.568	0.739	0.419	0.320	37.233	372	2.90	24.4	28.0	1.074	926	983	JUR.	1952
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO. 1)	1.440	12.50	0.00	12.50	0.180	0.000	0.180	0.164	0.016	5.909	550	1.61	25.0	30.0	1.076	927	975	CRE.	1985
BEVERLEY NORTH	CANTUAR SAND (NON-UNIT)	0.639	8.40	0.00	8.40	0.054	0.000	0.054	0.018	0.035	1.845	97	6.30	27.7	59.4	1.076	922	969	CRE.	1987
	CANTUAR SAND (VOL UNIT NO. 1)	5.673	5.20	5.40	10.60	0.295	0.306	0.601	0.404	0.197	30.213	1023	5.95	24.7	59.4	1.076	922	969	CRE.	1987
BONE CREEK	UPPER SHAUNAVON (UNIT)	12.207	5.10	19.30	24.40	0.623	2.356	2.978	2.733	0.246	28.191	1682	5.28	13.8	6.0	1.056	914	1341	JUR.	1954
BONE CREEK WEST	UPPER SHAUNAVON	0.670	41.80	0.00	41.80	0.280	0.000	0.280	0.058	0.222	28.731	146	2.80	18.4	6.0	1.056	915	1364	JUR.	1997

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
BUTTE	SHAUNAVON	0.326	23.20	0.00	23.20	0.076	0.000	0.076	0.008	0.067	4.661	16	11.90	22.5	20.0	1.051	915	0	JUR.	1999
	UPPER SHAUNAVON (NON-UNIT)	14.476	6.20	5.00	11.20	0.897	0.724	1.621	0.636	0.985	139.948	2509	4.40	18.2	25.0	1.041	914	1338	JUR.	1967
	UPPER SHAUNAVON (VOLUNTARY UNIT)	8.916	5.50	17.55	23.05	0.490	1.565	2.055	1.482	0.573	35.298	2137	2.54	22.8	25.0	1.041	914	1338	JUR.	1967
BUTTE WEST	UPPER SHAUNAVON (NON-UNIT)	5.307	2.50	0.30	2.80	0.133	0.016	0.149	0.100	0.049	7.861	583	7.22	17.7	25.0	1.053	914	1338	JUR.	1967
	UPPER SHAUNAVON (VOL UNIT NO. 1)	6.409	3.30	0.73	4.03	0.212	0.047	0.258	0.156	0.102	9.587	817	7.80	14.0	25.0	1.044	914	1338	JUR.	1967
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.900	13.80	3.70	17.50	0.262	0.070	0.333	0.225	0.108	29.398	412	3.49	18.9	27.0	1.044	914	1338	JUR.	1967
CANTUAR	ROSERAY SAND (CANTUAR UNIT)	13.927	35.10	0.00	35.10	4.888	0.000	4.888	3.399	1.489	313.406	2765	2.65	27.2	24.6	1.079	964	991	JUR.	1952
	ROSERAY SAND (NON-UNIT)	1.012	20.00	0.00	20.00	0.202	0.000	0.202	0.087	0.115	23.989	130	5.60	26.2	35.0	1.267	964	991	JUR.	1952
CANTUAR EAST	CANTUAR SAND (UNIT NO. 1)	4.814	4.10	8.30	12.40	0.197	0.400	0.597	0.371	0.226	25.924	763	5.18	23.3	43.6	1.079	920	965	CRE.	1956
	CANTUAR SAND (UNIT NO. 2)	0.813	3.75	0.00	3.75	0.030	0.000	0.030	0.020	0.010	0.859	146	4.57	23.3	43.6	1.079	929	965	CRE.	1956
	LOWER SHAUNAVON	2.182	8.40	4.70	13.10	0.183	0.103	0.286	0.057	0.229	26.913	259	5.45	21.7	25.0	1.053	944	1008	JUR.	1962
	ROSERAY SAND (NON-UNIT)	0.838	58.20	0.00	58.20	0.488	0.000	0.488	0.200	0.287	88.266	97	5.41	26.5	35.0	1.079	935	963	JUR.	1956
	ROSERAY SAND (UNIT NO. 1)	2.899	6.80	15.50	22.30	0.197	0.449	0.646	0.371	0.276	30.973	716	2.80	26.0	40.0	1.079	933	983	JUR.	1956
	ROSERAY SAND (UNIT NO. 2)	1.989	11.40	28.40	39.80	0.227	0.565	0.791	0.383	0.409	35.434	502	2.74	26.0	40.0	1.079	938	983	JUR.	1956
CANTUAR MAIN	CANTUAR SAND (CANTUAR UNIT)	22.107	8.70	14.65	23.35	1.923	3.239	5.162	4.907	0.255	42.264	3166	5.06	26.4	43.6	1.079	922	975	CRE.	1952
	CANTUAR SAND (NON-UNIT)	0.111	15.90	0.00	15.90	0.018	0.000	0.018	0.011	0.006	0.557	16	5.05	26.4	43.6	1.079	918	975	CRE.	1952
CANTUAR NORTH	ROSERAY SAND	1.000	17.00	0.00	17.00	0.170	0.000	0.170	0.133	0.037	5.476	289	2.84	21.9	40.0	1.079	941	970	JUR.	1968
CHAMBERY	UPPER SHAUNAVON	0.864	17.80	0.00	17.80	0.154	0.000	0.154	0.104	0.050	7.619	227	3.22	16.9	25.0	1.075	926	1505	JUR.	1980
CLINTONVILLE	SHAUNAVON	4.921	2.39	0.00	2.39	0.118	0.000	0.118	0.108	0.010	4.123	421	12.62	13.1	25.0	1.064	915	1362	JUR.	1953
COVINGTON	UPPER SHAUNAVON (NON-UNIT)	0.216	19.20	0.00	19.20	0.041	0.000	0.041	0.019	0.022	1.191	64	2.70	16.6	22.0	1.036	894	1330	JUR.	1966
	UPPER SHAUNAVON (UNIT NO. 1)	1.071	14.00	8.56	22.56	0.150	0.092	0.242	0.241	0.001	1.296	376	2.44	15.5	22.0	1.036	894	1330	JUR.	1966
COVINGTON SOUTH	UPPER SHAUNAVON	0.339	20.50	0.00	20.50	0.069	0.000	0.069	0.069	0.000	0.000	65	5.90	11.7	22.0	1.036	906	1300	JUR.	1985
COVINGTON WEST	UPPER SHAUNAVON	4.502	18.47	0.00	18.47	0.831	0.000	0.831	0.402	0.429	89.309	971	4.00	20.6	25.0	1.333	906	1336	JUR.	1989
DELTA	UPPER SHAUNAVON (NON-UNIT)	0.632	2.75	0.00	2.75	0.017	0.000	0.017	0.013	0.005	1.590	97	8.75	16.0	50.0	1.074	914	1065	JUR.	1956
	UPPER SHAUNAVON (UNIT NO. 1)	9.383	12.50	16.16	28.66	1.173	1.516	2.689	2.568	0.121	19.021	2159	3.20	20.4	28.5	1.074	914	1065	JUR.	1956
	UPPER SHAUNAVON (UNIT NO. 2)	2.540	7.00	9.78	16.78	0.178	0.248	0.426	0.415	0.011	3.170	716	3.81	20.0	50.0	1.074	914	1065	JUR.	1956
	UPPER SHAUNAVON (VOL UNIT NO. 3)	0.969	9.60	7.50	17.10	0.095	0.074	0.169	0.156	0.013	4.430	129	5.86	23.9	41.2	1.074	914	1065	JUR.	1956
DELTA WEST	UPPER SHAUNAVON	0.781	15.60	0.00	15.60	0.122	0.000	0.122	0.075	0.047	7.629	162	5.16	18.3	45.0	1.075	956	1035	JUR.	1994
DIVIDE	MADISON	0.208	3.50	0.00	3.50	0.007	0.000	0.007	0.005	0.002	0.000	81	3.00	12.0	25.0	1.050	966	1475	MIS.	1995
DOLLARD	LOWER SHAUNAVON	0.265	1.51	0.00	1.51	0.004	0.000	0.004	0.004	0.000	0.000	32	6.40	17.2	12.0	1.087	927	1392	JUR.	1987
	UPPER SHAUNAVON (E. DOLL. VOL UNIT)	1.648	20.00	27.53	47.53	0.330	0.454	0.783	0.739	0.044	7.814	469	3.20	17.2	30.6	1.087	915	1402	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	0.774	21.10	0.00	21.10	0.163	0.000	0.163	0.147	0.016	1.837	227	3.19	13.2	12.0	1.087	914	1402	JUR.	1953
	UPPER SHAUNAVON (UNIT)	26.084	20.00	37.60	57.60	5.213	9.800	15.013	13.959	1.054	106.826	3642	4.42	20.0	12.0	1.087	914	1402	JUR.	1953
EASTBROOK	SHAUNAVON	4.470	3.45	0.00	3.45	0.154	0.000	0.154	0.131	0.023	6.239	647	6.43	15.4	25.0	1.075	926	1420	JUR.	1966
EASTEND	SHAUNAVON	2.776	3.75	0.00	3.75	0.104	0.000	0.104	0.099	0.005	1.389	453	6.90	12.2	20.0	1.099	927	1457	JUR.	1952
FOSTERTON	ROSERAY SAND (MAIN UNIT)	22.341	17.00	33.00	50.00	3.798	7.373	11.171	9.615	1.556	136.833	1028	9.81	28.8	19.0	1.053	907	975	CRE.-JUR.	1952
	ROSERAY SAND (NORTHWEST UNIT)	1.978	11.00	19.33	30.33	0.218	0.382	0.600	0.578	0.022	6.627	104	8.44	28.8	19.0	1.035	933	975	CRE.-JUR.	1952
	ROSERAY SAND (WEST FOST. VOL UNIT)	1.220	11.00	45.30	56.30	0.134	0.553	0.687	0.610	0.077	19.896	146	5.03	25.0	30.0	1.053	921	975	CRE.-JUR.	1952
FOSTERTON SOUTH	CANTUAR SAND	0.835	10.60	0.00	10.60	0.089	0.000	0.089	0.076	0.012	3.012	81	7.64	22.4	35.0	1.079	947	950	CRE.	1965
	ROSERAY SAND	1.174	10.20	0.00	10.20	0.120	0.000	0.120	0.101	0.018	3.983	97	8.35	21.8	30.0	1.053	933	968	JUR.	1965

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
GARDENHEAD	UPPER SHAUNAVON (NON-UNIT)	0.392	7.70	0.00	7.70	0.030	0.000	0.030	0.012	0.018	3.520	97	7.90	7.1	25.0	1.042	909	1360	JUR.	1993
	UPPER SHAUNAVON (VOL UNIT NO. 1)	5.048	4.60	6.10	10.70	0.232	0.308	0.540	0.304	0.236	38.471	713	4.20	22.0	20.0	1.044	909	1360	JUR.	1993
GARDENHEAD SOUTH	UPPER SHAUNAVON	0.696	10.00	9.50	19.50	0.070	0.066	0.136	0.104	0.032	6.350	264	2.26	16.2	25.0	1.042	914	1360	JUR.	1970
GULL LAKE	BASAL CANTUAR SAND (JOHNSTON UNIT)	1.030	6.50	8.09	14.59	0.067	0.083	0.150	0.150	0.000	0.000	132	6.58	21.1	39.5	1.076	915	1100	CRE.	1953
	BASAL CANTUAR SAND (NON-UNIT)	3.481	7.20	0.00	7.20	0.251	0.000	0.251	0.140	0.111	33.967	275	9.50	23.7	39.5	1.076	927	1100	CRE.	1953
	BASAL CANTUAR SAND (VOL UNIT NO. 1)	2.729	3.30	14.90	18.20	0.090	0.407	0.497	0.460	0.036	4.234	449	3.59	26.0	30.0	1.075	914	1100	CRE.	1953
	ROSERAY SAND	0.464	3.01	0.00	3.01	0.014	0.000	0.014	0.013	0.001	0.735	49	6.30	25.0	35.0	1.080	920	1075	JUR.	1994
GULL LAKE CENTRAL	UPPER SHAUNAVON (NON-UNIT)	2.943	7.21	0.00	7.21	0.212	0.000	0.212	0.199	0.013	3.618	971	3.80	16.1	46.5	1.080	907	1195	JUR.	1953
	UPPER SHAUNAVON (VOL UNIT NO. 1)	0.614	24.00	19.10	43.10	0.147	0.117	0.265	0.255	0.010	1.446	453	1.62	16.9	46.5	1.080	914	1195	JUR.	1953
GULL LAKE NORTH	BASAL CANTUAR SAND	0.209	0.82	0.00	0.82	0.002	0.000	0.002	0.002	0.000	0.176	16	7.50	29.1	35.0	1.087	927	1060	CRE.	1996
	UPPER SHAUNAVON (NON-UNIT)	0.395	38.00	0.00	38.00	0.150	0.000	0.150	0.084	0.066	8.394	97	2.80	20.0	25.0	1.031	920	1158	JUR.	1953
	UPPER SHAUNAVON (UNIT)	6.911	11.00	40.50	51.50	0.760	2.799	3.659	3.400	0.159	28.221	1246	3.93	19.4	25.0	1.031	964	1158	JUR.	1953
GULL LAKE SOUTH	UPPER SHAUNAVON (NON-UNIT)	0.295	2.50	0.00	2.50	0.007	0.000	0.007	0.007	0.000	0.000	65	3.20	19.5	25.0	1.031	891	1325	JUR.	1952
	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.561	9.60	5.50	15.10	0.150	0.086	0.236	0.214	0.022	3.558	779	1.22	24.7	30.0	1.053	891	1325	JUR.	1952
HAZLET	ROSERAY SAND (NON-UNIT)	0.243	4.50	0.00	4.50	0.011	0.000	0.011	0.012	0.000	0.460	32	4.25	23.7	21.0	1.050	920	963	JUR.	1963
	ROSERAY SAND (UNIT)	1.742	26.10	19.90	46.00	0.455	0.347	0.801	0.699	0.103	16.017	191	5.27	23.0	21.0	1.050	920	963	JUR.	1963
ILLERBRUN	UPPER SHAUNAVON (NON-UNIT)	0.399	12.50	0.00	12.50	0.050	0.000	0.050	0.050	0.000	0.131	97	3.62	15.4	22.0	1.057	885	1280	JUR.	1965
	UPPER SHAUNAVON (VOLUNTARY UNIT)	3.221	16.60	18.10	34.70	0.535	0.583	1.118	1.075	0.042	6.815	453	6.06	15.9	22.0	1.057	885	1280	JUR.	1965
INSTOW	UPPER SHAUNAVON (NON-UNIT)	0.204	8.10	0.00	8.10	0.017	0.000	0.017	0.011	0.005	1.546	65	3.30	11.8	15.0	1.056	922	1372	JUR.	1954
	UPPER SHAUNAVON (SOUTH VOL UNIT)	1.855	14.60	14.80	29.40	0.271	0.274	0.545	0.437	0.108	20.831	441	3.21	16.4	15.0	1.064	914	1372	JUR.	1954
	UPPER SHAUNAVON (UNIT)	22.063	9.40	36.70	46.10	2.074	8.097	10.171	9.107	1.064	106.224	4244	4.68	13.8	15.0	1.056	914	1372	JUR.	1954
JAVA	CANTUAR SAND	0.975	1.80	8.55	10.35	0.018	0.083	0.101	0.079	0.022	2.342	347	2.09	24.0	40.0	1.071	947	1013	CRE.	1955
JAVA NORTH	CANTUAR SAND	2.239	6.00	8.60	14.60	0.134	0.193	0.327	0.124	0.203	30.563	132	9.00	28.0	30.0	1.040	971	1005	CRE.	1984
JAVA WEST	CANTUAR SAND	4.215	8.20	0.00	8.20	0.346	0.000	0.346	0.103	0.243	50.693	211	10.60	28.0	30.0	1.040	960	995	CRE.	1996
JOHNSTON	UPPER SHAUNAVON (JOHNSTON UNIT)	0.327	10.68	0.00	10.68	0.035	0.000	0.035	0.035	0.000	0.000	160	1.60	19.0	30.0	1.040	914	1188	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	0.106	0.73	0.00	0.73	0.001	0.000	0.001	0.001	0.000	0.000	32	2.50	16.0	15.0	1.031	914	1188	JUR.	1953
LEITCHVILLE	SHAUNAVON (NON-UNIT)	4.314	4.60	0.00	4.60	0.198	0.000	0.198	0.185	0.013	7.368	906	5.79	14.0	37.5	1.064	923	1371	JUR.	1960
	SHAUNAVON (VOLUNTARY UNIT)	4.629	2.50	7.50	10.00	0.116	0.347	0.463	0.376	0.087	11.054	1664	2.60	15.3	25.6	1.064	914	1371	JUR.	1960
LEON LAKE	SHAUNAVON	4.319	9.70	0.00	9.70	0.419	0.000	0.419	0.390	0.029	9.306	890	5.24	16.3	40.0	1.056	922	1371	JUR.	1953
MAIN SUCCESS	ROSERAY SAND (MAIN UNIT)	6.858	13.00	32.60	45.60	0.892	2.236	3.127	2.818	0.309	16.357	770	4.51	26.8	19.9	1.087	914	975	JUR.	1952
NORTH PREMIER	ROSERAY SAND (NON-UNIT)	0.527	24.20	0.00	24.20	0.127	0.000	0.127	0.099	0.029	4.201	81	3.60	25.1	25.0	1.042	917	1006	JUR.	1953
	ROSERAY SAND (UNIT NO. 1)	4.017	15.00	31.10	46.10	0.603	1.249	1.852	1.818	0.034	6.039	364	4.66	32.9	25.0	1.042	918	1006	JUR.	1953
	ROSERAY SAND (VOL UNIT NO. 4)	4.840	15.00	45.40	60.40	0.726	2.197	2.923	2.598	0.325	39.271	460	6.42	26.7	35.8	1.046	913	1006	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	4.097	8.50	2.90	11.40	0.348	0.119	0.467	0.303	0.164	32.008	680	4.50	18.8	25.0	1.053	906	1067	JUR.	1953
	UPPER SHAUNAVON (UNIT NO. 1)	0.323	24.40	0.00	24.40	0.079	0.000	0.079	0.042	0.037	5.560	65	4.57	16.1	25.0	1.111	914	1067	JUR.	1953
	UPPER SHAUNAVON (VOL UNIT NO. 4)	4.361	6.50	10.10	16.60	0.285	0.442	0.727	0.533	0.194	18.331	1572	2.80	19.0	45.0	1.050	906	1067	JUR.	1953
	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.942	6.00	10.90	16.90	0.056	0.103	0.159	0.151	0.008	1.979	291	3.36	16.9	40.0	1.053	914	1067	JUR.	1953
NOTUKEU	UPPER SHAUNAVON	2.541	1.83	0.00	1.83	0.046	0.000	0.046	0.038	0.009	1.261	583	4.58	13.5	25.0	1.064	917	1368	JUR.	1969
PENNANT	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.555	20.90	5.70	26.60	0.116	0.032	0.148	0.124	0.023	3.269	375	2.10	16.5	55.0	1.053	928	990	JUR.	1965
RANGEVIEW	MADISON	0.810	16.60	0.00	16.60	0.134	0.000	0.134	0.112	0.022	7.887	130	6.75	12.9	25.0	1.047	966	1440	MIS.	1994

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
RANGEVIEW EAST	MADISON	0.817	4.80	0.00	4.80	0.039	0.000	0.039	0.039	0.000	0.000	178	3.99	17.2	30.0	1.047	965	1380	MIS.	1994
RAPDAN	UPPER SHAUNAVON (N.RAPDAN VOL UNIT)	3.974	3.50	3.00	6.50	0.139	0.119	0.258	0.221	0.037	4.863	497	5.06	17.7	5.0	1.064	914	1402	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	2.200	1.47	0.00	1.47	0.032	0.000	0.032	0.027	0.005	1.684	453	3.73	16.3	15.0	1.064	919	1402	JUR.	1953
	UPPER SHAUNAVON (UNIT)	16.574	6.70	19.77	26.47	1.110	3.277	4.387	3.911	0.476	60.952	3400	5.00	15.0	30.0	1.077	914	1402	JUR.	1953
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.111	6.60	14.10	20.70	0.073	0.157	0.230	0.207	0.023	5.140	259	4.14	15.6	28.3	1.080	914	1402	JUR.	1953
RAPDAN NORTH	LOWER SHAUNAVON	1.634	1.52	0.00	1.52	0.025	0.000	0.025	0.024	0.001	0.396	194	8.00	14.0	20.0	1.064	920	1465	JUR.	1969
RAPDAN SOUTH	UPPER SHAUNAVON	0.882	3.55	0.00	3.55	0.031	0.000	0.031	0.027	0.004	1.467	275	2.88	15.3	20.0	1.099	920	1400	JUR.	1984
RAPDAN WEST	SHAUNAVON	6.367	4.45	0.00	4.45	0.283	0.000	0.283	0.269	0.014	5.968	1554	3.45	13.3	5.0	1.064	921	1407	JUR.	1955
ROSS LAKE	CANTUAR SAND	1.326	1.40	0.00	1.40	0.019	0.000	0.019	0.008	0.011	5.079	49	12.30	33.0	30.0	1.050	985	1135	CRE.	1997
SEWARD	CANTUAR SAND	0.586	3.40	0.00	3.40	0.020	0.000	0.020	0.012	0.008	3.120	162	2.23	26.8	35.0	1.075	933	1010	CRE.	1996
	SUCCESS SAND	2.534	3.10	0.00	3.10	0.079	0.000	0.079	0.037	0.041	8.645	259	6.83	23.4	35.0	1.060	930	1025	CRE.	1996
SOUTH SUCCESS	ROSERAY SAND (SOUTHWEST UNIT)	2.309	16.40	8.90	25.30	0.379	0.205	0.584	0.494	0.090	20.503	261	5.66	24.0	30.0	1.075	934	975	JUR.	1953
	ROSERAY SAND (SUCCESS UNIT)	8.751	13.20	38.40	51.60	1.155	3.360	4.515	4.153	0.362	45.982	748	6.07	27.4	23.4	1.089	914	975	JUR.	1953
SUCCESS ALPHA	ROSERAY SAND (ALPHA UNIT)	1.440	14.30	34.10	48.40	0.206	0.491	0.697	0.641	0.056	3.204	176	4.60	24.8	22.9	1.075	920	975	JUR.	1953
SUCCESS NORTH	ROSERAY SAND (VOLUNTARY UNIT)	1.038	28.40	37.20	65.60	0.295	0.386	0.681	0.504	0.177	19.829	297	2.39	25.0	37.0	1.077	929	966	JUR.	1966
SUFFIELD	BASAL CANTUAR SAND	5.351	6.00	0.00	6.00	0.321	0.000	0.321	0.143	0.178	35.043	291	12.40	24.8	35.0	1.087	927	1060	CRE.	1996
	ROSERAY SAND (NON-UNIT)	5.990	5.30	17.10	22.40	0.317	1.024	1.342	0.412	0.930	106.390	405	9.70	24.7	35.0	1.053	920	1035	JUR.	1963
	ROSERAY SAND (UNIT NO. 1)	2.870	15.00	36.53	51.53	0.430	1.048	1.479	1.448	0.030	15.512	324	6.20	28.0	45.0	1.078	919	1036	JUR.	1954
	ROSERAY SAND (UNIT NO. 3)	2.780	13.00	48.26	61.26	0.361	1.341	1.703	1.586	0.117	21.528	593	2.99	26.0	35.0	1.078	918	1036	JUR.	1954
	UPPER SHAUNAVON (NON-UNIT)	3.157	3.98	0.00	3.98	0.126	0.000	0.126	0.100	0.025	6.615	324	7.28	18.4	25.0	1.031	937	1097	JUR.	1954
	UPPER SHAUNAVON (UNIT NO. 2)	3.581	7.00	26.80	33.80	0.251	0.960	1.210	0.925	0.286	29.161	777	3.60	17.6	25.0	1.031	914	1097	JUR.	1954
	UPPER SHAUNAVON (UNIT NO. 3)	0.805	9.90	32.70	42.60	0.080	0.263	0.343	0.277	0.065	10.470	262	2.28	22.8	36.2	1.080	918	1097	JUR.	1954
SUFFIELD WEST	CANTUAR SAND	1.150	4.77	0.00	4.77	0.055	0.000	0.055	0.053	0.002	0.516	65	10.80	26.0	30.0	1.111	917	1033	CRE.	1964
VERLO	ROSERAY SAND	0.208	23.80	0.00	23.80	0.050	0.000	0.050	0.003	0.046	3.126	16	7.07	28.0	29.0	1.080	920	963	JUR.	1956
	ROSERAY SAND (UNIT)	10.424	3.50	42.55	46.05	0.365	4.436	4.800	3.258	1.542	118.094	801	7.07	28.0	29.0	1.080	920	963	JUR.	1956
WEBB	CANTUAR SAND	11.562	4.50	4.00	8.50	0.520	0.462	0.983	0.818	0.165	103.873	1069	6.65	25.0	30.0	1.076	930	1000	CRE.	1995
WEBB SOUTH	CANTUAR SAND	1.335	4.00	2.40	6.40	0.053	0.032	0.085	0.059	0.027	8.440	130	6.00	26.3	30.0	1.076	930	1000	CRE.	1995
WEBB WEST	CANTUAR SAND	2.251	6.79	0.00	6.79	0.153	0.000	0.153	0.124	0.028	31.136	291	5.80	20.5	30.0	1.076	930	1000	CRE.	1996
WHITEMUD	SHAUNAVON	8.391	2.30	0.00	2.30	0.193	0.000	0.193	0.166	0.027	10.587	1036	6.81	16.1	20.0	1.083	924	1432	JUR.	1953
	TOTAL AREA 3M	**534.540**				**53.449**	**85.842**	**139.291**	**113.823**	**25.474**	**3,324.198**									
AREA 4L																				
MISCELLANEOUS	ALIDA	7.655	4.10	0.00	4.10	0.314	0.000	0.314	0.180	0.134	32.542	1425	7.20	15.3	35.0	1.333			MIS.	
	BAKKEN SAND	4.530	4.15	0.00	4.15	0.188	0.000	0.188	0.152	0.036	7.835	939	5.90	11.6	25.0	1.064			MIS.	
	BIRDBEAR	0.693	5.35	0.00	5.35	0.037	0.000	0.037	0.027	0.010	2.316	210	4.17	12.4	25.0	1.176			DEV.	
	DUPEROW	1.635	4.70	0.00	4.70	0.077	0.000	0.077	0.044	0.032	6.005	195	7.00	15.0	0.2	1.250			DEV.	
	FROBISHER	24.624	6.90	0.00	6.90	1.699	0.000	1.699	0.547	1.152	111.556	5537	8.00	11.4	35.0	1.333			MIS.	
	FROBISHER-ALIDA	7.042	3.10	0.00	3.10	0.218	0.000	0.218	0.106	0.112	14.982	1196	8.20	14.7	35.0	1.333			MIS.	
	KISBEY	0.132	29.00	0.00	29.00	0.038	0.000	0.038	0.000	0.038	0.433	32	4.17	22.5	48.2	1.176			MIS.	

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
MISCELLANEOUS	LOWER WATROUS	0.000	0.00	0.00	0.00	0.000	0.000	0.000	0.001	0.000	0.000	0	4.40	13.1	45.0	1.111			TRI.	
	LOWER WATROUS-ALIDA	0.229	3.76	0.00	3.76	0.009	0.000	0.009	0.008	0.001	0.478	32	10.00	13.6	30.0	1.333			TRI.-MIS.	
	MIDALE	7.445	4.70	0.00	4.70	0.350	0.000	0.350	0.253	0.097	14.321	1797	7.20	11.8	35.0	1.333			MIS.	
	RED RIVER	37.632	4.00	0.00	4.00	1.505	0.000	1.505	0.714	0.791	166.649	4533	22.70	7.5	35.0	1.333			ORD.	
	SOURIS VALLEY	4.393	1.36	0.00	1.36	0.060	0.000	0.060	0.059	0.001	1.294	550	15.30	11.6	50.0	1.111			MIS.	
	TILSTON	6.859	1.90	0.00	1.90	0.130	0.000	0.130	0.070	0.060	6.608	1069	10.80	11.0	40.0	1.111			MIS.	
	TILSTON-SOURIS VALLEY	0.270	21.00	0.00	21.00	0.057	0.000	0.057	0.009	0.047	1.647	96	7.90	7.9	50.0	1.111			MIS.	
	WINNIPEG SANDSTONE	2.060	5.00	0.00	5.00	0.103	0.000	0.103	0.040	0.063	18.197	260	12.00	10.0	25.0	1.136			ORD.	
	WINNIPEGOSIS	31.507	1.33	0.00	1.33	0.419	0.000	0.419	0.365	0.054	19.270	1749	29.50	11.0	25.0	1.351			DEV.	
ALAMEDA	MIDALE (CENTRAL UNIT)	1.162	11.70	28.70	40.40	0.136	0.333	0.469	0.448	0.022	3.151	680	2.53	16.3	43.0	1.376	823	1347	MIS.	1956
	MIDALE (EAST UNIT)	4.848	19.36	45.50	64.86	0.939	2.206	3.145	1.945	1.200	79.247	2363	2.77	17.2	41.0	1.370	826	1347	MIS.	1956
	MIDALE (NON-UNIT)	7.429	3.90	0.00	3.90	0.290	0.000	0.290	0.261	0.029	9.557	1807	8.30	11.7	42.0	1.370	842	1347	MIS.	1956
	MIDALE (NORTH UNIT)	1.000	12.00	17.00	29.00	0.120	0.170	0.290	0.282	0.008	1.232	421	3.44	16.6	43.0	1.370	829	1347	MIS.	1956
	MIDALE (SOUTH UNIT)	1.792	13.30	15.10	28.40	0.238	0.271	0.509	0.480	0.029	3.693	906	3.35	14.5	45.0	1.351	829	1347	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 1)	1.135	8.06	1.50	9.56	0.091	0.017	0.109	0.092	0.016	2.442	356	9.06	9.9	51.3	1.370	842	1347	MIS.	1956
ALAMEDA EAST	FROBISHER	2.671	5.60	0.00	5.60	0.150	0.000	0.150	0.103	0.047	10.400	567	7.00	13.8	35.0	1.333	858	1275	MIS.	1983
ALAMEDA WEST	FROBISHER	0.569	1.62	0.00	1.62	0.009	0.000	0.009	0.007	0.003	1.041	162	6.00	12.0	35.0	1.333	845	1375	MIS.	1982
	MIDALE (NON-UNIT)	0.187	3.51	0.00	3.51	0.007	0.000	0.007	0.005	0.001	0.621	49	8.00	11.7	45.0	1.351	843	1356	MIS.	1982
	MIDALE (VOLUNTARY UNIT NO. 1)	0.771	5.00	3.45	8.45	0.039	0.027	0.065	0.059	0.006	1.097	181	8.94	11.7	45.0	1.351	843	1356	MIS.	1982
ALIDA EAST	FROBISHER-ALIDA (NON-UNIT)	0.626	9.20	0.00	9.20	0.058	0.000	0.058	0.046	0.011	5.849	97	7.92	16.7	35.0	1.333	824	1122	MIS.	1954
	FROBISHER-ALIDA (UNIT)	11.208	30.00	0.00	30.00	3.363	0.000	3.363	3.038	0.325	99.220	1619	7.99	16.5	30.0	1.333	824	1122	MIS.	1954
ALIDA NORTH	ALIDA	1.724	24.80	0.00	24.80	0.428	0.000	0.428	0.328	0.100	19.802	178	11.90	15.5	30.0	1.333	836	1143	MIS.	1962
ALIDA WEST	FROBISHER-ALIDA	12.812	36.50	0.00	36.50	4.677	0.000	4.677	3.611	1.066	180.558	1295	13.40	13.9	31.0	1.299	836	1143	MIS.	1955
AMULET	RATCLIFFE	1.295	2.63	0.00	2.63	0.034	0.000	0.034	0.024	0.010	2.168	162	6.40	22.2	25.0	1.333	870	1510	MIS.	1976
ARCOLA	FROBISHER-ALIDA	12.042	27.00	0.00	27.00	3.251	0.000	3.251	2.276	0.976	73.002	1457	11.30	15.0	35.0	1.333	854	1199	MIS.	1964
ARCOLA NORTH	ALIDA	0.178	5.90	0.00	5.90	0.010	0.000	0.010	0.009	0.001	0.282	65	4.60	12.2	35.0	1.333	854	1296	MIS.	1991
ASHLEY LAKE	TILSTON	0.986	22.75	0.00	22.75	0.224	0.000	0.224	0.088	0.136	11.712	146	5.00	25.0	40.0	1.111	843	1278	MIS.	1985
AUBURNTON	FROBISHER-ALIDA	0.199	9.32	0.00	9.32	0.019	0.000	0.019	0.017	0.001	0.417	65	5.10	12.3	35.0	1.333	832	1197	MIS.	1985
BELLEGARDE	TILSTON	2.809	2.77	0.00	2.77	0.078	0.000	0.078	0.073	0.005	3.069	291	13.34	13.4	40.0	1.111	842	1012	MIS.	1988
BEMERSYDE	RED RIVER	1.784	0.72	0.00	0.72	0.013	0.000	0.013	0.011	0.002	1.816	130	26.50	9.6	35.0	1.205	859	2110	ORD.	1997
BENNETT LAKE	ALIDA	0.324	11.00	0.00	11.00	0.036	0.000	0.036	0.030	0.006	1.767	194	4.50	6.1	35.0	1.067	860	1323	MIS.	1986
BENSON	FROBISHER	2.870	5.30	0.00	5.30	0.152	0.000	0.152	0.148	0.004	2.922	421	12.30	8.9	30.0	1.124	832	1197	MIS.	1985
BIENFAIT	MIDALE	2.357	19.20	0.00	19.20	0.453	0.000	0.453	0.396	0.056	10.743	389	12.60	8.7	35.0	1.176	852	1589	MIS.	1980
BROMHEAD EAST	RED RIVER	0.550	5.40	0.00	5.40	0.030	0.000	0.030	0.026	0.004	4.769	97	27.00	3.8	35.0	1.176	856	2651	ORD.	1980
BROWNING	FROBISHER-ALIDA	3.866	19.00	0.00	19.00	0.735	0.000	0.735	0.694	0.040	13.816	631	12.20	10.3	35.0	1.333	853	1280	MIS.	1957
BROWNING NORTH	FROBISHER-ALIDA	0.322	40.00	0.00	40.00	0.129	0.000	0.129	0.088	0.041	14.299	356	2.34	7.0	35.0	1.176	855	1263	MIS.	1985
BROWNING SOUTH	FROBISHER	2.244	28.00	0.00	28.00	0.628	0.000	0.628	0.189	0.439	131.356	777	3.50	20.0	45.0	1.333	870	1310	MIS.	1998
BUFFALO HEAD	FROBISHER-ALIDA	3.052	17.00	0.00	17.00	0.519	0.000	0.519	0.497	0.022	14.912	907	5.75	12.0	35.0	1.333	854	1207	MIS.	1993
CANTAL	FROBISHER-ALIDA (NON-UNIT)	5.979	15.50	0.00	15.50	0.927	0.000	0.927	0.768	0.159	54.638	906	10.10	13.4	35.0	1.333	834	1196	MIS.	1956
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.185	35.85	0.00	35.85	0.066	0.000	0.066	0.066	0.001	0.324	97	5.90	6.9	35.0	1.389	823	1196	MIS.	1956

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
CANTAL SOUTH	FROBISHER-ALIDA	4.181	24.00	0.00	24.00	1.003	0.000	1.003	0.891	0.113	23.063	955	13.40	6.7	35.0	1.333	828	1135	MIS.	1956
CARLYLE	ALIDA	0.461	11.00	0.00	11.00	0.051	0.000	0.051	0.018	0.033	10.594	97	6.50	15.0	35.0	1.333	850	1180	MIS.	1966
CARLYLE SOUTH	LOWER WATROUS	1.137	2.12	0.00	2.12	0.024	0.000	0.024	0.022	0.002	1.340	259	6.00	15.0	35.0	1.333	852	1140	TRI.	1992
CARNDUFF	FROBISHER	10.012	9.20	0.00	9.20	0.921	0.000	0.921	0.837	0.084	23.556	1878	8.22	13.3	35.0	1.333	854	1138	MIS.	1956
	MIDALE (EAST UNIT)	8.421	15.00	20.94	35.94	1.263	1.763	3.026	2.995	0.031	12.784	5568	2.00	14.4	30.0	1.333	844	1280	MIS.	1955
	MIDALE (NON-UNIT)	2.317	7.50	2.80	10.30	0.174	0.065	0.239	0.226	0.012	3.463	728	6.40	10.2	35.0	1.333	835	1280	MIS.	1955
	MIDALE (SOUTH VOLUNTARY UNIT)	1.089	10.42	0.00	10.42	0.113	0.000	0.113	0.112	0.002	0.846	680	2.50	12.2	30.0	1.333	839	1280	MIS.	1955
	MIDALE (VOLUNTARY UNIT NO. 1)	0.433	14.20	31.50	45.70	0.062	0.136	0.198	0.140	0.058	5.407	223	2.70	13.7	30.0	1.333	837	1280	MIS.	1955
	MIDALE (VOLUNTARY UNIT NO. 2)	0.268	11.00	9.30	20.30	0.032	0.027	0.059	0.048	0.011	1.796	160	3.43	10.0	30.0	1.333	837	1216	MIS.	1984
	MIDALE (VOLUNTARY UNIT NO. 3)	0.301	15.04	1.18	16.22	0.045	0.004	0.049	0.047	0.002	0.717	86	4.94	13.5	30.0	1.333	845	1216	MIS.	1963
	MIDALE (WEST UNIT)	3.421	13.00	33.20	46.20	0.445	1.136	1.580	1.532	0.048	12.399	2104	2.40	12.9	30.0	1.333	844	1280	MIS.	1955
CEYLON	BAKKEN SAND	2.512	0.94	0.00	0.94	0.024	0.000	0.024	0.015	0.009	0.860	162	22.00	10.0	25.0	1.064	825	1953	MIS.	1992
CLARILAW	FROBISHER-ALIDA	0.987	26.30	0.00	26.30	0.259	0.000	0.259	0.250	0.009	4.376	405	4.27	11.7	35.0	1.333	858	1231	MIS.	1963
CLARILAW EAST	FROBISHER-ALIDA	0.706	17.10	0.00	17.10	0.121	0.000	0.121	0.026	0.095	19.995	194	7.00	10.0	35.0	1.250	860	1215	MIS.	1996
CLARILAW WEST	FROBISHER-ALIDA (KISBEY VOL UNIT)	0.672	29.80	0.00	29.80	0.200	0.000	0.200	0.188	0.012	2.421	210	5.40	11.4	35.0	1.250	843	1234	MIS.	1963
	FROBISHER-ALIDA (NON-UNIT)	0.484	7.85	0.00	7.85	0.038	0.000	0.038	0.036	0.002	1.146	113	8.50	9.7	35.0	1.250	843	1234	MIS.	1963
CRYSTAL HILL	SOURIS VALLEY	0.895	12.28	0.00	12.28	0.110	0.000	0.110	0.107	0.003	0.831	291	6.19	9.2	40.0	1.111	861	1113	MIS.	1966
DALESBORO	FROBISHER-ALIDA	0.216	17.88	0.00	17.88	0.039	0.000	0.039	0.038	0.000	0.523	81	4.88	11.2	35.0	1.333	853	1262	MIS.	1966
DALESBORO NORTH	FROBISHER-ALIDA	0.406	2.73	0.00	2.73	0.011	0.000	0.011	0.011	0.001	0.170	65	8.10	13.7	25.0	1.333	844	1254	MIS.	1957
EDENVALE	TILSTON	4.630	14.90	0.00	14.90	0.690	0.000	0.690	0.504	0.186	25.094	810	7.30	14.5	40.0	1.111	853	1126	MIS.	1963
EDENVALE NORTH	TILSTON	0.272	6.95	0.00	6.95	0.019	0.000	0.019	0.018	0.001	0.617	97	4.00	13.0	40.0	1.111	850	1125	MIS.	1985
ELMORE	FROBISHER (NON-UNIT)	1.169	6.70	0.00	6.70	0.078	0.000	0.078	0.072	0.006	4.622	259	9.00	10.6	45.0	1.163	875	1219	MIS.	1961
	FROBISHER (VOLUNTARY UNIT)	5.019	28.40	14.40	42.80	1.425	0.723	2.148	2.029	0.119	16.409	874	7.00	15.9	40.0	1.163	871	1219	MIS.	1961
	MIDALE	0.292	26.12	0.00	26.12	0.076	0.000	0.076	0.075	0.001	0.332	194	2.71	11.4	35.0	1.333	841	1204	MIS.	1981
FERTILE	TILSTON	0.265	7.60	0.00	7.60	0.020	0.000	0.020	0.019	0.001	0.393	49	6.87	14.6	40.0	1.111	860	953	MIS.	1963
	TILSTON-SOURIS VALLEY	0.369	3.10	0.00	3.10	0.011	0.000	0.011	0.011	0.000	0.264	65	9.15	11.5	40.0	1.111	860	953	MIS.	1956
FLAT LAKE	RATCLIFFE (NON-UNIT)	0.265	10.60	0.00	10.60	0.028	0.000	0.028	0.022	0.006	0.991	65	8.00	9.8	35.0	1.250	848	1956	MIS.	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	8.172	10.00	17.20	27.20	0.817	1.406	2.223	2.087	0.135	21.886	2428	5.64	14.1	49.0	1.205	865	1956	MIS.	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 2)	1.067	4.70	2.20	6.90	0.050	0.023	0.074	0.051	0.023	2.221	259	6.60	15.3	49.0	1.250	850	1956	MIS.	1965
FLORENCE	FROBISHER	1.957	9.20	0.00	9.20	0.180	0.000	0.180	0.157	0.023	8.532	453	7.03	12.6	35.0	1.333	843	1290	MIS.	1965
FREDA LAKE	RATCLIFFE (NON-UNIT)	2.300	8.50	4.20	12.70	0.196	0.097	0.292	0.161	0.131	6.654	372	5.30	21.7	40.0	1.116	870	1694	MIS.	1967
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	7.506	11.50	8.80	20.30	0.863	0.661	1.524	0.955	0.568	30.760	2720	2.30	23.7	43.5	1.116	870	1290	MIS.	1965
FROUDE	RED RIVER	1.434	31.00	0.00	31.00	0.445	0.000	0.445	0.157	0.287	32.224	130	23.00	7.7	25.0	1.204	839	2400	ORD.	1997
FRYS	TILSTON-SOURIS VALLEY	5.067	7.85	0.00	7.85	0.398	0.000	0.398	0.283	0.115	14.394	567	12.73	13.0	40.0	1.111	846	974	MIS.	1958
FRYS EAST	TILSTON-SOURIS VALLEY	2.457	3.60	0.00	3.60	0.088	0.000	0.088	0.076	0.012	8.720	259	14.40	12.2	40.0	1.111	846	974	MIS.	1984
GAINSBOROUGH	FROBISHER-ALIDA (NON-UNIT)	14.207	11.43	0.00	11.43	1.624	0.000	1.624	1.117	0.507	120.893	2461	9.20	10.3	30.0	1.149	865	1072	MIS.	1956
	FROBISHER-ALIDA (VOLUNTARY UNIT)	1.090	10.80	6.32	17.12	0.118	0.069	0.187	0.179	0.007	3.377	243	6.40	11.5	30.0	1.149	858	1072	MIS.	1956
GAINSBOROUGH NORTH	FROBISHER-ALIDA	6.332	20.00	0.00	20.00	1.266	0.000	1.266	1.144	0.123	23.627	879	9.33	12.1	30.0	1.097	865	1077	MIS.	1987
GAINSBOROUGH WEST	FROBISHER (VOLUNTARY UNIT NO. 1)	0.699	9.24	0.00	9.24	0.065	0.000	0.065	0.063	0.002	0.795	162	6.90	10.0	30.0	1.120	854	1115	MIS.	1964
GLEN EWEN	FROBISHER	2.545	12.50	0.38	12.88	0.318	0.010	0.328	0.300	0.028	3.244	502	9.90	10.5	35.0	1.333	818	1304	MIS.	1954

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/00		1000 m3	ha	m	%			KG/m3	m		
GLEN EWEN	MIDALE (NON-UNIT)	0.478	3.00	0.00	3.00	0.014	0.000	0.014	0.013	0.001	0.412	146	4.80	14.0	35.0	1.333	826	1280	MIS.	1954
	MIDALE (UNIT)	5.989	13.00	5.58	18.58	0.779	0.334	1.113	1.105	0.008	3.574	4209	2.13	13.7	35.0	1.333	828	1280	MIS.	1954
GLEN EWEN NORTH	FROBISHER	1.077	8.00	0.00	8.00	0.086	0.000	0.086	0.038	0.049	10.501	178	9.50	12.9	35.0	1.317	820	1275	MIS.	1991
HARTAVEN	WINNIPEG SAND	1.504	3.10	0.00	3.10	0.047	0.000	0.047	0.042	0.004	12.482	130	18.40	8.7	15.0	1.176	760	2415	ORD.	1997
HASTINGS	FROBISHER (NON-UNIT)	16.137	17.80	0.00	17.80	2.872	0.000	2.872	2.687	0.185	43.272	3360	9.70	11.0	40.0	1.333	842	1200	MIS.	1955
	FROBISHER (UNIT)	2.370	28.60	6.60	35.20	0.678	0.156	0.834	0.763	0.071	6.236	502	6.49	14.8	37.0	1.282	833	1200	MIS.	1955
	FROBISHER (VOLUNTARY UNIT NO. 1)	4.702	17.50	9.70	27.20	0.823	0.456	1.279	1.228	0.051	7.878	1105	6.37	13.7	35.0	1.333	840	1200	MIS.	1955
	FROBISHER (VOLUNTARY UNIT NO. 2)	5.705	11.00	3.31	14.31	0.626	0.189	0.816	0.815	0.001	0.177	971	6.10	19.6	37.0	1.282	843	1200	MIS.	1955
HASTINGS EAST	FROBISHER	4.256	20.00	0.00	20.00	0.851	0.000	0.851	0.778	0.073	24.561	1214	8.17	8.8	35.0	1.333	837	1147	MIS.	1956
HASTINGS NORTH	FROBISHER	0.061	8.20	0.00	8.20	0.005	0.000	0.005	0.003	0.002	0.493	16	4.00	19.4	35.0	1.333	845	1175	MIS.	1997
HASTINGS WEST	FROBISHER	1.100	15.60	0.00	15.60	0.172	0.000	0.172	0.148	0.023	7.113	389	5.47	10.6	35.0	1.333	837	1147	MIS.	1963
HAZELWOOD	TILSTON	4.777	15.50	0.00	15.50	0.740	0.000	0.740	0.656	0.085	19.293	631	10.62	13.2	40.0	1.111	848	1174	MIS.	1963
HAZELWOOD CENTRAL	TILSTON	5.892	7.90	0.00	7.90	0.465	0.000	0.465	0.371	0.094	19.869	874	8.98	13.9	40.0	1.111	864	1203	MIS.	1989
HITCHCOCK	WINNIPEGOSIS	8.109	2.26	0.00	2.26	0.183	0.000	0.183	0.179	0.004	2.710	421	31.83	10.9	25.0	1.351	863	2485	DEV.	1988
HOFFER	RATCLIFFE	1.589	21.20	0.00	21.20	0.337	0.000	0.337	0.289	0.048	7.516	421	6.60	11.0	35.0	1.250	878	1931	MIS.	1964
HUME	FROBISHER	3.170	14.90	0.00	14.90	0.472	0.000	0.472	0.436	0.037	12.432	777	8.84	8.0	35.0	1.124	883	1350	MIS.	1967
HUMMINGBIRD	BAKKEN (VOLUNTARY UNIT NO. 1)	0.525	24.00	9.00	33.00	0.126	0.047	0.173	0.129	0.045	5.447	162	4.94	9.3	25.0	1.064	825	2226	MIS.	1966
	BIRDBEAR (VOLUNTARY UNIT NO. 1)	1.167	49.50	0.00	49.50	0.578	0.000	0.578	0.541	0.037	5.872	209	9.05	10.3	28.7	1.190	830	2326	DEV.	1966
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	4.118	12.00	32.00	44.00	0.494	1.318	1.812	1.548	0.264	33.530	442	10.71	14.0	30.6	1.117	870	1890	MIS.	1966
HUMMINGBIRD SOUTH	BAKKEN SAND	0.262	11.50	0.00	11.50	0.030	0.000	0.030	0.026	0.004	1.551	32	15.50	9.4	25.0	1.333	825	2265	MIS.	1968
	RATCLIFFE	1.817	15.50	0.00	15.50	0.282	0.000	0.282	0.236	0.046	6.311	113	22.60	12.3	35.0	1.124	870	1925	MIS.	1967
INGOLDSBY	FROBISHER-ALIDA (NON-UNIT)	12.906	18.80	0.00	18.80	2.426	0.000	2.426	1.327	1.099	125.065	1704	11.10	11.2	30.0	1.149	850	1089	MIS.	1955
	FROBISHER-ALIDA (VOLUNTARY UNIT)	6.242	53.40	0.00	53.40	3.333	0.000	3.333	2.988	0.345	74.019	907	8.69	13.0	30.0	1.149	865	1089	MIS.	1955
INGOLDSBY EAST	ALIDA	4.180	8.80	0.00	8.80	0.368	0.000	0.368	0.276	0.092	19.843	502	10.30	12.8	28.0	1.140	863	1060	MIS.	1985
INGOLDSBY NORTH	ALIDA (NON-UNIT)	0.375	1.73	0.00	1.73	0.006	0.000	0.006	0.005	0.001	0.485	65	6.00	17.0	35.0	1.150	860	1088	MIS.	1984
	ALIDA (VOLUNTARY UNIT NO. 1)	0.980	3.51	0.00	3.51	0.034	0.000	0.034	0.033	0.001	0.665	204	5.00	17.0	35.0	1.150	860	1088	MIS.	1984
INGOLDSBY WEST	FROBISHER-ALIDA (NON-UNIT)	0.178	3.70	0.00	3.70	0.007	0.000	0.007	0.007	0.000	0.000	32	10.90	8.1	30.0	1.111	850	1096	MIS.	1986
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.440	22.80	0.00	22.80	0.100	0.000	0.100	0.100	0.000	0.000	121	6.97	10.0	40.0	1.150	850	1096	MIS.	1986
KENOSEE	TILSTON (VOLUNTARY UNIT)	5.524	44.70	0.00	44.70	2.469	0.000	2.469	2.351	0.118	17.722	1328	5.00	16.0	35.0	1.250	848	1196	MIS.	1958
KISBEY	BIRDBEAR	1.452	25.30	0.00	25.30	0.367	0.000	0.367	0.343	0.024	9.454	227	8.46	12.0	25.0	1.190	845	1626	DEV.	1968
	FROBISHER-ALIDA	8.347	21.50	0.00	21.50	1.730	0.000	1.730	1.384	0.346	43.919	907	11.80	12.7	26.0	1.250	840	1195	MIS.	1985
KISBEY SOUTH	FROBISHER-ALIDA (NON-UNIT)	0.399	17.90	0.00	17.90	0.071	0.000	0.071	0.013	0.058	5.129	81	6.00	14.0	26.0	1.263	840	1260	MIS.	1994
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.548	36.00	0.00	36.00	0.197	0.000	0.197	0.057	0.141	20.098	130	6.00	12.0	26.0	1.263	840	1260	MIS.	1994
LIGHTNING	TILSTON	3.768	4.46	0.00	4.46	0.168	0.000	0.168	0.156	0.012	5.266	502	9.72	14.3	40.0	1.111	843	1058	MIS.	1957
LIGHTNING SOUTH	TILSTON	0.393	2.55	0.00	2.55	0.010	0.000	0.010	0.010	0.000	0.000	65	7.00	16.0	40.0	1.111	850	1098	MIS.	1994
MACOUN	WINNIPEGOSIS (NON-UNIT)	6.343	3.70	0.55	4.25	0.235	0.035	0.270	0.238	0.032	11.139	324	31.10	10.5	19.0	1.351	827	2420	DEV.	1990
	WINNIPEGOSIS (SOUTH VOL. UNIT NO. 1)	0.915	19.13	18.90	38.03	0.175	0.173	0.348	0.324	0.024	11.851	89	11.83	14.5	19.0	1.351	827	2405	DEV.	1990
MACOUN NORTH	WINNIPEGOSIS	8.878	2.62	0.00	2.62	0.233	0.000	0.233	0.228	0.005	2.124	356	36.17	11.5	19.0	1.351	828	2387	DEV.	1988
MANOR	LOWER WATROUS-ALIDA	13.754	9.10	0.00	9.10	1.252	0.000	1.252	0.991	0.260	46.625	3918	4.00	15.0	35.0	1.111	842	1160	TRI.-MIS.	1987
	LOWER WATROUS-ALIDA (VOL UNIT NO. 1)	1.504	21.30	8.50	29.80	0.320	0.128	0.448	0.283	0.166	10.461	324	4.20	20.0	35.0	1.176	842	1160	TRI.-MIS.	1993

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
MANOR NORTH	LOWER WATROUS	0.093	11.32	0.00	11.32	0.010	0.000	0.010	0.010	0.000	0.326	97	1.00	15.0	30.0	1.100	842	1179	TRI.	1990
MANSUR	RED RIVER	4.634	5.10	0.00	5.10	0.236	0.000	0.236	0.111	0.125	28.497	453	23.80	6.9	25.0	1.204	865	2435	ORD.	1997
MIDALE	RED RIVER (VOLUNTARY UNIT NO. 1)	4.561	4.90	0.00	4.90	0.223	0.000	0.223	0.191	0.033	9.908	447	23.80	6.9	26.0	1.191	860	2575	ORD.	1996
MIDALE WEST	RED RIVER	2.373	8.80	0.00	8.80	0.209	0.000	0.209	0.166	0.043	9.791	324	18.10	6.5	25.0	1.205	860	2600	ORD.	1996
MINTON	RED RIVER	1.990	8.00	0.00	8.00	0.159	0.000	0.159	0.124	0.035	1.523	324	10.00	10.5	35.0	1.111	827	2855	ORD.	1989
	WINNIPEGOSIS	1.336	13.00	0.00	13.00	0.174	0.000	0.174	0.148	0.025	8.422	324	9.17	7.5	19.0	1.351	850	2610	DEV.	1976
MOOSE MOUNTAIN	TILSTON (NON-UNIT)	11.830	13.50	0.00	13.50	1.597	0.000	1.597	1.364	0.233	64.208	1149	14.30	12.9	40.0	1.075	864	1188	MIS.	1960
	TILSTON (VOLUNTARY UNIT NO. 1)	0.208	19.40	0.00	19.40	0.040	0.000	0.040	0.033	0.007	1.776	65	5.50	13.0	52.0	1.075	864	1213	MIS.	1960
MORRISVIEW	FROBISHER-ALIDA	0.989	25.80	0.00	25.80	0.255	0.000	0.255	0.242	0.013	4.024	308	4.54	13.6	35.0	1.250	843	1266	MIS.	1967
MORRISVIEW SOUTH	FROBISHER-ALIDA	0.726	6.87	0.00	6.87	0.050	0.000	0.050	0.045	0.005	3.092	291	4.00	12.0	35.0	1.250	843	1287	MIS.	1994
MORRISVIEW WEST	FROBISHER-ALIDA	0.462	8.70	0.00	8.70	0.040	0.000	0.040	0.033	0.007	2.641	227	4.35	9.0	35.0	1.250	843	1266	MIS.	1992
NORTH ANTLER	MIDALE (VOLUNTARY UNIT NO. 1)	0.757	8.00	4.95	12.95	0.061	0.037	0.098	0.084	0.014	0.000	233	5.46	12.2	35.0	1.333	827	1152	MIS.	1965
NORTH PORTAL	MIDALE	0.419	10.00	0.00	10.00	0.042	0.000	0.042	0.036	0.006	1.596	210	4.70	8.7	35.0	1.333	834	1620	MIS.	1988
NORTHGATE	FROBISHER	0.996	15.60	0.00	15.60	0.155	0.000	0.155	0.113	0.042	8.877	308	8.50	7.8	35.0	1.333	843	1585	MIS.	1963
	MIDALE (NON-UNIT)	0.036	40.00	0.00	40.00	0.015	0.000	0.015	0.009	0.006	0.024	16	3.84	14.3	45.0	1.333	837	1575	MIS.	1963
	MIDALE (VOLUNTARY UNIT)	3.217	8.70	1.96	10.66	0.280	0.063	0.343	0.320	0.022	3.990	1456	4.84	15.6	55.0	1.538	836	1575	MIS.	1963
NORTHGATE EAST	FROBISHER	0.153	0.49	0.00	0.49	0.001	0.000	0.001	0.001	0.000	0.006	65	5.61	8.6	35.0	1.333	843	1525	MIS.	1994
NOTTINGHAM	ALIDA (NORTH ALIDA BEDS UNIT)	9.423	38.40	0.00	38.40	3.619	0.000	3.619	2.875	0.743	130.084	1182	9.14	16.9	31.2	1.333	839	1066	MIS.	1956
NOTTINGHAM EAST	TILSTON	1.699	3.42	0.00	3.42	0.058	0.000	0.058	0.048	0.010	2.689	243	9.47	16.4	40.0	1.333	829	1100	MIS.	1961
NOTTINGHAM NORTH	TILSTON	2.112	4.86	0.00	4.86	0.103	0.000	0.103	0.099	0.004	3.382	308	8.94	14.2	40.0	1.111	829	1070	MIS.	1992
NOTTINGHAM SOUTH	FROBISHER-ALIDA	5.577	31.30	0.00	31.30	1.746	0.000	1.746	1.222	0.524	46.745	955	7.30	15.5	31.2	1.333	846	1066	MIS.	1956
OAKLEY	FROBISHER	1.509	17.50	0.00	17.50	0.264	0.000	0.264	0.204	0.060	16.365	534	8.60	7.3	40.0	1.333	841	1196	MIS.	1955
OPENSHAW	FROBISHER	0.048	11.70	0.00	11.70	0.006	0.000	0.006	0.001	0.004	0.610	64	2.00	9.0	45.0	1.333	848	1468	MIS.	1993
OUNGRE	RATCLIFFE (NON-UNIT)	2.479	17.00	0.00	17.00	0.421	0.000	0.421	0.313	0.108	11.417	793	3.30	18.0	35.0	1.235	878	1828	MIS.	1959
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	14.470	10.00	5.68	15.68	1.447	0.822	2.269	1.793	0.476	43.806	2784	6.52	17.9	45.0	1.235	878	1828	MIS.	1959
OXBOW	FROBISHER	0.109	6.80	0.00	6.80	0.007	0.000	0.007	0.006	0.002	0.000	32	6.23	11.2	35.0	1.333	845	1310	MIS.	1957
PARKMAN	SOURIS VALLEY (NON-UNIT)	0.265	2.50	0.00	2.50	0.007	0.000	0.007	0.007	0.000	0.000	65	8.80	10.3	50.0	1.111	871	1188	MIS.	1964
	SOURIS VALLEY (VOLUNTARY UNIT NO. 1)	2.493	18.50	0.00	18.50	0.461	0.000	0.461	0.390	0.071	15.971	939	5.90	10.0	50.0	1.111	871	1188	MIS.	1964
	TILSTON	4.697	16.70	0.00	16.70	0.784	0.000	0.784	0.634	0.151	50.277	664	11.10	11.8	40.0	1.111	870	1060	MIS.	1958
	TILSTON-SOURIS VALLEY	36.123	19.80	0.00	19.80	7.152	0.000	7.152	6.090	1.063	240.069	3786	16.20	10.9	40.0	1.111	862	1097	MIS.	1959
PARKMAN SOUTH	TILSTON-SOURIS VALLEY (NON-UNIT)	0.828	7.70	0.00	7.70	0.064	0.000	0.064	0.052	0.012	7.335	130	8.80	13.4	40.0	1.111	841	1096	MIS.	1969
	TILSTON-SOURIS VALLEY (VOL. UNIT)	2.038	11.83	0.00	11.83	0.241	0.000	0.241	0.230	0.011	4.467	178	14.72	14.4	40.0	1.111	841	1096	MIS.	1969
PINTO	FROBISHER	1.225	42.10	0.00	42.10	0.516	0.000	0.516	0.499	0.016	4.437	712	4.30	9.7	45.0	1.333	848	1631	MIS.	1957
	MIDALE (NON-UNIT)	15.073	4.33	0.00	4.33	0.653	0.000	0.653	0.628	0.025	8.169	2752	10.40	10.8	35.0	1.333	834	1615	MIS.	1957
	MIDALE (SOUTH PINTO UNIT)	5.030	10.50	3.68	14.18	0.528	0.185	0.713	0.691	0.022	3.582	2525	4.40	12.9	45.0	1.567	873	1615	MIS.	1957
	MIDALE (VOLUNTARY UNIT NO. 2)	1.529	17.60	0.00	17.60	0.269	0.000	0.269	0.217	0.053	6.066	1780	2.50	9.1	42.0	1.536	830	1615	MIS.	1957
PINTO EAST	MIDALE	0.256	2.21	0.00	2.21	0.006	0.000	0.006	0.006	0.000	0.000	32	10.40	15.8	35.0	1.333	834	1540	MIS.	1974
QUEENSDALE EAST	FROBISHER-ALIDA (NON-UNIT)	19.883	51.00	0.00	51.00	10.140	0.000	10.140	6.862	3.278	203.896	2901	10.00	12.4	35.0	1.176	850	1173	MIS.	1956
	FROBISHER-ALIDA (NORTH CANTAL UNIT)	2.322	47.30	0.00	47.30	1.098	0.000	1.098	1.064	0.034	5.840	437	10.80	8.9	35.0	1.176	843	1173	MIS.	1956
QUEENSDALE NORTH	ALIDA	2.947	23.80	0.00	23.80	0.701	0.000	0.701	0.498	0.203	34.486	567	6.50	16.4	35.0	1.333	851	1174	MIS.	1959

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3		%				1000000 m3			1000 m3	ha	m		%		KG/m3	m		
QUEENSDALE WEST	ALIDA	3.495	27.80	0.00	27.80	0.972	0.000	0.972	0.908	0.064	9.789	615	10.50	11.1	35.0	1.333	859	1204	MIS.	1956
RALPH	MIDALE (VOLUNTARY UNIT)	1.041	14.20	9.20	23.40	0.148	0.096	0.243	0.195	0.049	6.201	680	3.90	10.0	55.9	1.124	863	1315	MIS.	1973
RALPH WEST	MIDALE (NON-UNIT)	1.890	6.80	0.00	6.80	0.129	0.000	0.129	0.122	0.007	4.323	486	8.06	12.3	55.9	1.124	860	1295	MIS.	1988
	MIDALE (VOLUNTARY UNIT NO. 1)	0.300	24.00	3.20	27.20	0.072	0.010	0.082	0.064	0.017	2.088	298	2.20	10.8	52.4	1.124	860	1295	MIS.	1985
REDVERS	TILSTON	0.416	0.30	0.00	0.30	0.001	0.000	0.001	0.001	0.000	0.000	65	8.00	14.8	40.0	1.111	852	1034	MIS.	1994
ROCANVILLE	BAKKEN SAND (NON-UNIT)	0.896	11.90	0.00	11.90	0.107	0.000	0.107	0.100	0.007	2.092	162	6.00	18.9	35.0	1.333	843	715	MIS.	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	1.609	22.75	6.00	28.75	0.366	0.097	0.463	0.365	0.097	8.020	227	5.30	21.6	35.0	1.050	843	715	MIS.	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 2)	1.113	16.70	0.00	16.70	0.186	0.000	0.186	0.141	0.045	23.944	391	1.95	22.8	35.0	1.015	843	715	MIS.	1957
RONCOTT	BAKKEN SAND	1.655	7.90	0.00	7.90	0.131	0.000	0.131	0.119	0.012	1.636	356	4.54	14.5	25.0	1.064	823	1822	MIS.	1956
ROSEBANK	ALIDA (NON-UNIT)	10.127	21.60	0.00	21.60	2.187	0.000	2.187	1.953	0.235	57.918	923	15.30	15.1	37.5	1.316	841	1067	MIS.	1955
	ALIDA (VOLUNTARY UNIT NO. 1)	8.732	51.10	0.00	51.10	4.462	0.000	4.462	4.047	0.415	60.593	971	13.70	12.5	30.0	1.333	828	1067	MIS.	1955
ROSEBANK SOUTH	ALIDA (NON-UNIT)	3.704	18.90	0.00	18.90	0.700	0.000	0.700	0.551	0.149	23.996	648	9.20	12.1	35.0	1.266	864	1074	MIS.	1954
	ALIDA (VOLUNTARY UNIT NO. 1)	0.641	18.74	0.00	18.74	0.120	0.000	0.120	0.102	0.018	4.199	130	8.00	12.0	35.0	1.266	864	1074	MIS.	1955
SERVICE	TILSTON	0.512	2.00	0.00	2.00	0.010	0.000	0.010	0.010	0.000	0.000	81	6.00	18.0	35.0	1.111	845	1130	MIS.	1994
SHERWOOD	FROBISHER	4.375	47.30	0.00	47.30	2.069	0.000	2.069	1.968	0.102	14.551	389	15.60	12.9	35.0	1.163	880	1240	MIS.	1963
SILVERTON	FROBISHER	2.981	13.80	0.00	13.80	0.411	0.000	0.411	0.347	0.064	25.751	729	15.40	5.9	40.0	1.333	854	1204	MIS.	1956
SILVERTON NORTH	FROBISHER	1.421	23.90	0.00	23.90	0.340	0.000	0.340	0.292	0.048	9.041	421	12.50	6.0	40.0	1.333	854	1120	MIS.	1964
SKINNER LAKE	RATCLIFFE	4.939	13.60	0.00	13.60	0.672	0.000	0.672	0.461	0.210	12.526	1101	4.60	19.7	45.0	1.111	864	1723	MIS.	1989
SOURIS FLAT	FROBISHER	2.191	34.70	0.00	34.70	0.760	0.000	0.760	0.719	0.041	7.067	453	8.00	12.4	35.0	1.333	861	1334	MIS.	1965
SOURIS FLAT SOUTH	FROBISHER	0.741	11.70	0.00	11.70	0.087	0.000	0.087	0.084	0.003	1.224	113	12.80	10.5	35.0	1.333	861	1392	MIS.	1991
SOUTH FLETWODE	TILSTON	1.894	31.20	0.00	31.20	0.591	0.000	0.591	0.560	0.031	8.641	389	7.10	12.7	40.0	1.111	859	1143	MIS.	1961
STAR VALLEY	FROBISHER-ALIDA	7.209	55.20	0.00	55.20	3.980	0.000	3.980	2.688	1.292	120.091	761	12.00	15.0	35.0	1.235	862	1162	MIS.	1960
STAR VALLEY SOUTH	FROBISHER-ALIDA	0.827	6.40	0.00	6.40	0.053	0.000	0.053	0.039	0.014	4.443	194	7.50	10.8	35.0	1.235	874	1183	MIS.	1984
STEELMAN	FROBISHER (DOUGLASTON UNIT)	0.850	26.95	0.00	26.95	0.229	0.000	0.229	0.220	0.009	1.842	227	7.60	10.1	35.0	1.333	848	1409	MIS.	1954
	FROBISHER (NON-UNIT)	23.048	10.60	0.00	10.60	2.443	0.000	2.443	2.035	0.408	66.118	4517	9.60	10.9	35.0	1.333	849	1409	MIS.	1954
	FROBISHER (VOLUNTARY UNIT NO. 1)	0.907	31.70	0.00	31.70	0.287	0.000	0.287	0.281	0.006	1.208	363	5.68	9.2	35.0	1.408	833	1409	MIS.	1954
	FROBISHER (VOLUNTARY UNIT NO. 2)	0.548	52.11	0.00	52.11	0.286	0.000	0.286	0.286	0.000	0.000	259	4.57	9.5	35.0	1.333	833	1409	MIS.	1954
	FROBISHER (VOLUNTARY UNIT NO. 8)	1.237	8.50	4.00	12.50	0.105	0.049	0.155	0.112	0.042	7.712	288	3.60	26.6	40.0	1.338	833	1409	MIS.	1954
	MIDALE (DOUGLASTON UNIT)	2.255	12.30	14.55	26.85	0.277	0.328	0.605	0.584	0.021	4.642	745	4.20	15.4	35.0	1.389	834	1399	MIS.	1954
	MIDALE (LAMPMAN UNIT)	0.934	13.00	14.85	27.85	0.121	0.139	0.260	0.251	0.009	1.321	437	2.32	18.6	31.2	1.389	862	1399	MIS.	1954
	MIDALE (NON-UNIT)	6.748	14.20	0.00	14.20	0.958	0.000	0.958	0.878	0.081	17.758	2995	4.50	10.7	35.0	1.389	846	1399	MIS.	1954
	MIDALE (NORTH VOL UNIT NO. 1)	1.963	10.00	5.55	15.55	0.196	0.109	0.305	0.276	0.029	4.605	971	4.13	10.0	32.0	1.389	834	1399	MIS.	1954
	MIDALE (NORTH VOL UNIT NO. 2)	1.875	7.30	0.00	7.30	0.137	0.000	0.137	0.130	0.007	2.267	551	6.10	12.3	37.0	1.389	834	1399	MIS.	1954
	MIDALE (UNIT IA)	18.404	16.00	34.30	50.30	2.945	6.313	9.257	9.011	0.247	39.404	5463	4.21	17.1	35.0	1.389	843	1399	MIS.	1954
	MIDALE (UNIT II)	16.648	25.20	35.20	60.40	4.195	5.860	10.056	8.890	1.166	94.054	2072	9.50	16.5	28.8	1.389	858	1399	MIS.	1954
	MIDALE (UNIT III)	11.465	16.00	25.70	41.70	1.834	2.946	4.781	4.626	0.155	27.749	2818	4.60	18.9	35.0	1.389	827	1399	MIS.	1954
	MIDALE (UNIT IV)	15.943	12.80	24.47	37.07	2.009	3.901	5.910	5.593	0.317	35.211	5308	3.89	16.5	35.0	1.389	824	1399	MIS.	1954
	MIDALE (UNIT V)	6.555	15.00	12.60	27.60	0.983	0.826	1.809	1.751	0.059	7.818	2849	3.30	14.9	35.0	1.389	837	1399	MIS.	1954
	MIDALE (UNIT VI)	25.307	15.70	22.85	38.55	3.973	5.783	9.756	9.564	0.191	36.571	6685	5.12	15.8	35.0	1.389	843	1399	MIS.	1954
	MIDALE (UNIT VII)	2.496	10.00	29.30	39.30	0.250	0.731	0.981	0.876	0.105	10.664	713	4.18	17.9	35.0	1.389	870	1399	MIS.	1954

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
STEELMAN	WINNIPEGOSIS (NON-UNIT)	5.392	6.00	0.00	6.00	0.324	0.000	0.324	0.128	0.195	42.230	583	17.00	10.5	30.0	1.351	868	2180	DEV.	1994
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	1.206	13.50	10.00	23.50	0.163	0.121	0.284	0.202	0.081	27.137	196	13.20	9.0	30.0	1.351	868	2180	DEV.	1994
STORTHOAKS	ALIDA	1.830	13.20	0.00	13.20	0.242	0.000	0.242	0.225	0.017	2.644	146	12.90	16.6	35.0	1.124	842	1065	MIS.	1962
	ALIDA (VOLUNTARY UNIT NO. 1)	3.964	12.45	0.00	12.45	0.494	0.000	0.494	0.474	0.019	2.168	416	10.70	15.4	35.0	1.124	842	1065	MIS.	1962
	TILSTON	2.058	14.50	0.00	14.50	0.298	0.000	0.298	0.204	0.094	9.453	243	10.10	14.5	35.0	1.124	846	1040	MIS.	1962
STORTHOAKS NORTH	TILSTON	0.569	3.65	0.00	3.65	0.021	0.000	0.021	0.018	0.003	0.874	130	7.50	10.1	35.0	1.124	846	1060	MIS.	1994
TABLELAND	WINNIPEGOSIS (NON-UNIT)	0.276	36.80	0.00	36.80	0.102	0.000	0.102	0.068	0.034	1.440	65	10.49	7.5	19.0	1.500	827	2576	DEV.	1975
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	0.658	17.90	4.65	22.55	0.118	0.031	0.148	0.141	0.007	5.163	68	14.58	12.2	18.4	1.500	827	2576	DEV.	1975
TAYLORTON	MIDALE	1.198	7.30	0.00	7.30	0.087	0.000	0.087	0.035	0.052	7.913	324	6.71	10.0	35.0	1.180	855	1641	MIS.	1989
THIRTY LAKE	ALIDA	0.664	21.20	0.00	21.20	0.141	0.000	0.141	0.105	0.036	6.022	227	4.00	15.0	35.0	1.333	860	1324	MIS.	1985
TYVAN	RED RIVER	10.586	3.25	0.00	3.25	0.344	0.000	0.344	0.186	0.158	79.532	971	20.00	10.0	39.0	1.119	808	2160	ORD.	1998
VIEWFIELD	FROBISHER (NON-UNIT)	1.787	52.68	0.00	52.68	0.941	0.000	0.941	0.916	0.025	9.502	486	6.76	9.7	32.5	1.204	838	1270	MIS.	1969
	FROBISHER (VOLUNTARY UNIT NO. 1)	1.479	12.57	0.00	12.57	0.186	0.000	0.186	0.185	0.001	1.302	129	17.10	12.0	35.0	1.163	873	1270	MIS.	1969
	VIEWFIELD RIM	3.556	17.30	0.00	17.30	0.615	0.000	0.615	0.569	0.047	12.219	405	16.68	10.7	35.5	1.311	844	1259	TRI.	1968
VIEWFIELD EAST	FROBISHER	0.550	3.90	0.00	3.90	0.021	0.000	0.021	0.007	0.014	0.031	195	5.00	11.0	40.0	1.170	854	1312	MIS.	1969
WARMLEY	ALIDA (FLETWODE ALIDA VOL UNIT)	0.773	36.40	0.00	36.40	0.281	0.000	0.281	0.255	0.026	5.595	401	3.20	11.4	40.0	1.136	860	1242	MIS.	1966
WAUCHOPE	ALIDA-TILSTON	3.466	29.00	0.00	29.00	1.005	0.000	1.005	0.761	0.244	53.655	502	6.60	19.6	40.0	1.124	852	1140	MIS.	1980
WAUCHOPE CENTRAL	TILSTON	0.299	1.40	0.00	1.40	0.004	0.000	0.004	0.004	0.000	0.000	32	8.50	20.6	40.0	1.124	845	1130	MIS.	1991
WAUCHOPE NORTH	TILSTON	0.591	18.80	0.00	18.80	0.111	0.000	0.111	0.076	0.035	7.037	162	4.50	15.0	40.0	1.111	852	1083	MIS.	1971
WAUCHOPE SOUTH	ALIDA	2.275	6.85	0.00	6.85	0.156	0.000	0.156	0.133	0.023	12.542	356	7.80	16.8	35.0	1.333	850	1152	MIS.	1986
WAUCHOPE WEST	ALIDA	2.747	3.16	0.00	3.16	0.087	0.000	0.087	0.079	0.008	3.934	259	15.00	14.5	35.0	1.333	845	1163	MIS.	1964
WEIR HILL	FROBISHER	3.511	6.20	0.00	6.20	0.288	0.000	0.288	0.227	0.061	21.464	534	14.50	9.3	35.0	1.333	871	1353	MIS.	1968
WELWYN	BAKKEN SAND	0.261	17.60	0.00	17.60	0.046	0.000	0.046	0.043	0.003	0.863	113	3.00	15.8	35.0	1.333	886	723	MIS.	1985
WELWYN SOUTH	BAKKEN SAND	0.075	19.30	0.00	19.30	0.014	0.000	0.014	0.011	0.004	1.456	32	3.20	15.0	35.0	1.333	841	735	MIS.	1989
WEYBURN	FROBISHER	3.954	5.10	0.00	5.10	0.202	0.000	0.202	0.129	0.072	15.874	745	12.30	9.7	50.0	1.124	876	1417	MIS.	1954
	MIDALE (NON-UNIT)	39.432	4.35	0.00	4.35	1.715	0.000	1.715	0.906	0.808	106.818	4258	10.20	15.7	35.0	1.124	877	1377	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 10)	2.518	14.80	3.60	18.40	0.373	0.091	0.463	0.227	0.237	13.965	195	8.00	28.0	36.0	1.110	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 2)	0.293	12.80	7.50	20.30	0.038	0.022	0.060	0.037	0.022	1.876	129	3.60	12.8	44.0	1.135	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 3)	0.320	8.60	5.00	13.60	0.028	0.016	0.044	0.035	0.009	1.008	65	4.70	18.0	33.0	1.150	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 4)	2.494	3.00	0.59	3.59	0.075	0.015	0.090	0.089	0.001	1.791	1100	4.90	10.4	50.0	1.124	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 5)	1.912	8.30	11.50	19.80	0.159	0.220	0.379	0.318	0.061	10.391	356	6.60	15.6	40.0	1.150	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 6)	1.435	6.10	0.51	6.61	0.088	0.007	0.095	0.088	0.007	1.587	259	6.56	14.6	35.0	1.124	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 7)	2.283	9.10	3.60	12.90	0.206	0.087	0.294	0.248	0.046	6.719	1004	3.60	12.8	44.0	1.135	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 8)	0.645	4.50	1.75	6.25	0.029	0.011	0.040	0.038	0.003	0.995	162	5.30	13.0	35.0	1.124	880	1405	MIS.	1954
WHITE BEAR	TILSTON	5.078	35.60	0.00	35.60	1.808	0.000	1.808	1.546	0.262	34.813	583	12.80	12.6	40.0	1.111	862	1060	MIS.	1957
	TILSTON-SOURIS VALLEY	1.231	18.90	0.00	18.90	0.233	0.000	0.233	0.225	0.008	5.822	388	7.63	7.7	40.0	1.111	853	1189	MIS.	1963
WILDWOOD	ALIDA	1.444	15.30	0.00	15.30	0.221	0.000	0.221	0.181	0.040	5.718	242	8.50	14.4	35.0	1.333	852	1184	MIS.	1966
WILLMAR	FROBISHER-ALIDA (KISBEY SD VOL UNIT)	0.255	52.70	0.00	52.70	0.134	0.000	0.134	0.129	0.006	1.091	81	3.41	20.0	40.0	1.299	843	1249	MIS.	1957
	FROBISHER-ALIDA (N CENTRAL VOL UNIT)	1.216	16.00	7.60	23.60	0.195	0.092	0.287	0.270	0.017	3.419	324	6.25	11.0	30.0	1.282	843	1249	MIS.	1957
	FROBISHER-ALIDA (N DALES UNIT NO. 1)	1.151	38.00	15.30	53.30	0.437	0.176	0.613	0.580	0.033	4.545	388	5.91	9.9	35.0	1.282	865	1249	MIS.	1957

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
WILLMAR	FROBISHER-ALIDA (NON-UNIT)	19.744	19.20	5.80	25.00	3.791	1.145	4.936	3.577	1.359	121.906	2736	11.20	11.8	30.0	1.282	861	1249	MIS.	1957
	FROBISHER-ALIDA (VOL UNIT NO. 1)	4.857	16.00	26.20	44.20	0.874	1.273	2.147	1.999	0.147	16.939	1084	6.10	12.9	27.0	1.282	843	1249	MIS.	1957
WILLMAR NORTH	FROBISHER-ALIDA (NON-UNIT)	0.260	5.15	0.00	5.15	0.013	0.000	0.013	0.011	0.002	0.395	97	5.10	9.0	35.0	1.111	843	1205	MIS.	1971
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.468	13.66	18.40	32.06	0.064	0.086	0.150	0.089	0.061	7.743	233	2.44	12.8	28.6	1.111	843	1205	MIS.	1971
WILLMAR WEST	FROBISHER	1.732	5.68	0.00	5.68	0.098	0.000	0.098	0.096	0.003	2.594	793	4.00	10.0	30.0	1.282	854	1260	MIS.	1991
WINMORE	FROBISHER	0.558	9.30	0.00	9.30	0.052	0.000	0.052	0.049	0.003	0.678	259	4.70	9.7	45.0	1.163	869	1140	MIS.	1968
WORDSWORTH	FROBISHER-ALIDA	10.194	7.80	0.00	7.80	0.795	0.000	0.795	0.710	0.085	19.850	1522	10.70	10.7	25.0	1.282	853	1257	MIS.	1962
WORDSWORTH EAST	FROBISHER	1.738	2.35	0.00	2.35	0.041	0.000	0.041	0.031	0.010	2.597	291	8.30	12.3	25.0	1.282	853	1205	MIS.	1980
WORDSWORTH NORTH	FROBISHER-ALIDA	0.426	38.20	0.00	38.20	0.163	0.000	0.163	0.100	0.063	7.978	165	3.53	12.5	35.0	1.111	849	1206	MIS.	1994
WORKMAN	*FROBISHER (NON-UNIT)*	8.026	13.40	0.00	13.40	1.075	0.000	1.075	0.960	0.115	23.210	1376	11.10	10.8	42.1	1.190	861	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 1)	5.025	16.70	21.37	38.07	0.839	1.074	1.913	1.869	0.044	8.689	1748	4.51	13.1	42.1	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.801	11.20	4.70	15.90	0.202	0.085	0.286	0.229	0.058	8.776	486	5.20	14.5	41.5	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 3)	1.235	35.70	0.00	35.70	0.441	0.000	0.441	0.409	0.032	6.394	943	3.10	11.1	54.7	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 4)	0.824	26.60	0.00	26.60	0.219	0.000	0.219	0.208	0.011	1.833	194	12.00	9.3	54.7	1.190	844	1237	MIS.	1959
	MIDALE (NON-UNIT)	1.674	8.30	0.00	8.30	0.156	0.000	0.156	0.147	0.009	1.209	502	7.06	10.3	35.0	1.266	844	1230	MIS.	1960
	MIDALE (VOLUNTARY UNIT NO. 1)	1.041	17.80	8.10	25.90	0.185	0.084	0.270	0.264	0.006	1.189	671	1.92	14.8	35.0	1.190	838	1230	MIS.	1960
	MIDALE (VOLUNTARY UNIT NO. 2)	0.841	10.60	13.10	23.70	0.089	0.110	0.199	0.180	0.019	1.876	356	3.14	15.7	39.3	1.266	838	1230	MIS.	1960
WORKMAN SOUTH	FROBISHER	1.522	11.90	0.00	11.90	0.181	0.000	0.181	0.158	0.023	6.406	291	8.30	9.4	25.0	1.119	866	1282	MIS.	1980
	TOTAL AREA 4L	**1,627.777**				**155.865**	**45.019**	**200.874**	**168.687**	**32.189**	**4,787.868**									
AREA 4M																				
MISCELLANEOUS	ALIDA	1.097	9.20	0.00	9.20	0.101	0.000	0.101	0.033	0.068	10.095	324	5.30	13.1	35.0	1.333			MIS.	
	BIRDBEAR	1.517	7.00	0.00	7.00	0.106	0.000	0.106	0.056	0.051	6.422	405	4.70	12.5	25.0	1.176			DEV.	
	FROBISHER	7.718	4.10	0.00	4.10	0.316	0.000	0.316	0.208	0.109	14.368	2283	7.50	9.4	46.1	1.124			MIS.	
	FROBISHER-ALIDA	0.511	3.50	0.00	3.50	0.018	0.000	0.018	0.007	0.011	3.757	194	4.50	12.0	35.0	1.333			MIS.	
	JURASSIC	0.178	4.50	0.00	4.50	0.008	0.000	0.008	0.008	0.000	0.000	16	6.70	24.0	30.0	1.010			JUR.	
	MADISON	0.159	0.00	0.00	0.00	0.000	0.000	0.000	0.001	0.000	0.000	32	16.00	4.0	20.0	1.031			MIS.	
	MANNVILLE SAND	2.412	3.40	0.00	3.40	0.082	0.000	0.082	0.008	0.074	7.336	146	7.20	30.9	25.0	1.010			CRE.	
	MIDALE	18.540	3.00	0.00	3.00	0.556	0.000	0.556	0.436	0.120	29.973	2526	9.40	15.7	44.1	1.124			MIS	
	RATCLIFFE	2.247	5.20	0.00	5.20	0.117	0.000	0.117	0.098	0.019	3.995	502	6.80	13.5	35.0	1.333			MIS.	
	RED JACKET SAND	1.086	0.85	0.00	0.85	0.009	0.000	0.009	0.005	0.005	1.360	97	8.50	27.0	35.0	1.333			JUR.	
	SHAUNAVON	0.428	0.86	0.00	0.86	0.004	0.000	0.004	0.000	0.004	0.000	32	6.00	30.0	25.0	1.010			JUR.	
	TILSTON	7.068	2.35	0.00	2.35	0.167	0.000	0.167	0.101	0.066	14.907	1004	8.60	15.2	40.0	1.111			MIS.	
	WAPELLA SAND	0.083	6.00	0.00	6.00	0.005	0.000	0.005	0.005	0.000	0.000	16	2.50	28.0	25.0	1.010			CRE.-JUR.	
BENDER	TILSTON (NON-UNIT)	0.033	4.40	0.00	4.40	0.001	0.000	0.001	0.001	0.000	0.000	64	0.80	12.0	40.0	1.110	884	1207	MIS.	1990
	TILSTON (VOLUNTARY UNIT NO. 1)	0.252	6.10	0.00	6.10	0.015	0.000	0.015	0.011	0.005	1.836	97	4.00	12.0	40.0	1.110	884	1207	MIS.	1990
BENDER CENTRAL	TILSTON	2.525	12.80	0.00	12.80	0.323	0.000	0.323	0.183	0.140	20.488	405	9.70	11.9	40.0	1.111	886	1200	MIS.	1991
BENDER SOUTH	TILSTON	0.576	6.90	0.00	6.90	0.040	0.000	0.040	0.034	0.006	2.215	97	8.90	12.4	40.0	1.111	886	1207	MIS.	1991
BENSON	MIDALE (NON-UNIT)	4.533	7.20	0.00	7.20	0.326	0.000	0.326	0.259	0.067	13.246	1004	5.80	12.5	30.0	1.124	886	1371	MIS.	1956

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2000	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/00	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%		FACTOR	KG/m3	m		
BENSON	MIDALE (NORTHWEST VOLUNTARY UNIT)	0.513	6.00	3.60	9.60	0.031	0.018	0.049	0.046	0.003	0.672	243	2.26	15.0	30.0	1.124	875	1371	MIS.	1956
	MIDALE (UNIT)	8.079	6.00	27.85	33.85	0.485	2.250	2.735	2.072	0.662	33.969	2978	1.80	24.2	30.0	1.124	875	1371	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 1)	2.477	9.80	33.80	43.60	0.243	0.837	1.080	0.694	0.386	32.731	1117	2.77	15.0	40.0	1.124	875	1371	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 2)	0.618	9.10	31.00	40.10	0.056	0.191	0.248	0.127	0.120	7.411	227	1.60	27.3	30.0	1.124	875	1371	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 3)	0.545	22.00	25.70	47.70	0.120	0.140	0.260	0.167	0.093	9.601	175	2.00	25.0	30.0	1.124	875	1371	MIS.	1956
	MIDALE (VOLUNTARY UNIT NO. 4)	0.629	16.82	1.10	17.92	0.106	0.007	0.113	0.100	0.013	1.099	227	5.00	8.9	30.0	1.124	875	1371	MIS.	1956
BENSON EAST	MIDALE	0.934	1.90	8.10	10.00	0.018	0.076	0.093	0.076	0.018	3.095	291	1.70	27.2	22.0	1.124	875	1375	MIS.	1983
BIG MARSH LAKE	TILSTON	1.977	19.00	0.00	19.00	0.376	0.000	0.376	0.269	0.106	23.786	453	4.00	20.0	40.0	1.100	862	1245	MIS.	1994
BROMHEAD	MIDALE	2.472	14.80	0.00	14.80	0.366	0.000	0.366	0.328	0.037	4.012	615	5.00	13.9	35.0	1.124	903	1693	MIS.	1965
BRYANT	FROBISHER	0.441	12.20	0.00	12.20	0.054	0.000	0.054	0.046	0.007	1.439	256	4.30	8.9	50.0	1.112	895	1433	MIS.	1979
	MIDALE	2.841	5.35	3.70	9.05	0.152	0.105	0.257	0.212	0.046	7.826	1133	1.93	25.2	42.0	1.125	904	1406	MIS.	1979
BURROWS	RED JACKET SAND	0.358	2.45	0.00	2.45	0.009	0.000	0.009	0.008	0.001	0.692	32	8.50	27.0	35.0	1.333	912	700	[illegible]	1992
CHAPLEAU LAKE	RED RIVER	1.523	2.00	0.00	2.00	0.030	0.000	0.030	0.016	0.015	10.044	162	15.30	11.4	35.0	1.206	893	2118	MIS.	1998
COLGATE	MIDALE	2.145	25.00	0.00	25.00	0.536	0.000	0.536	0.523	0.013	5.755	146	12.20	18.7	30.0	1.087	851	1516	MIS.	1983
COOTHILL	RED JACKET SAND	1.051	21.40	0.00	21.40	0.225	0.000	0.225	0.191	0.034	17.374	73	10.80	21.4	37.5	1.003	944	729	JUR.	1985
CORNING	TILSTON	1.910	3.10	0.00	3.10	0.059	0.000	0.059	0.039	0.020	6.505	324	5.30	20.6	40.0	1.111	880	1229	MIS.	1996
CORNING WEST	TILSTON	6.610	5.30	0.00	5.30	0.350	0.000	0.350	0.215	0.136	46.946	680	6.00	30.0	40.0	1.111	852	1194	MIS.	1996
COYOTE LAKE	TILSTON	1.618	10.60	0.00	10.60	0.172	0.000	0.172	0.089	0.082	22.383	227	6.00	22.0	40.0	1.111	886	1248	MIS.	1997
CREELMAN	ALIDA	1.959	21.70	0.00	21.70	0.425	0.000	0.425	0.360	0.065	21.504	470	5.70	13.7	40.0	1.124	911	1200	MIS.	1996
DAHINDA	MADISON	0.300	0.00	0.00	0.00	0.000	0.000	0.000	0.001	0.000	0.000	32	18.50	9.0	25.0	1.333	956	1410	MIS.	1993
ELCOTT EAST	MIDALE	1.465	6.70	0.00	6.70	0.100	0.000	0.100	0.077	0.022	11.801	356	5.90	14.5	35.0	1.333	832	1480	MIS.	1994
ELSWICK	MIDALE (NON-UNIT)	8.175	21.60	12.61	34.21	1.766	1.031	2.797	1.093	1.703	92.874	2105	5.30	19.7	54.4	1.226	870	1515	MIS.	1984
	MIDALE (VOLUNTARY UNIT NO. 1)	0.306	18.50	4.40	22.90	0.057	0.013	0.070	0.057	0.013	1.359	130	5.50	9.0	41.7	1.226	870	1515	MIS.	1984
ELSWICK EAST	MIDALE (NON-UNIT)	0.502	9.40	0.00	9.40	0.047	0.000	0.047	0.004	0.043	3.773	113	3.90	25.0	45.0	1.206	870	1529	MIS.	1965
	MIDALE (VOLUNTARY UNIT NO. 2)	3.564	16.00	8.40	24.40	0.570	0.299	0.870	0.530	0.340	36.496	551	5.62	25.1	44.7	1.206	870	1527	MIS.	1965
ELSWICK SOUTH	MIDALE (NON-UNIT)	0.761	4.15	0.00	4.15	0.032	0.000	0.032	0.015	0.017	0.862	65	10.00	25.2	44.0	1.206	870	1588	MIS.	1977
FLAT LAKE	RATCLIFFE (NON-UNIT)	0.192	32.00	0.00	32.00	0.061	0.000	0.061	0.027	0.034	1.486	65	8.60	8.1	49.2	1.199	867	1956	MIS.	1965
FLINTON	TILSTON	6.660	3.10	0.00	3.10	0.206	0.000	0.206	0.144	0.062	18.445	842	9.70	15.1	40.0	1.111	886	1243	MIS.	1994
FREESTONE	FROBISHER-ALIDA	3.948	24.10	0.00	24.10	0.951	0.000	0.951	0.804	0.147	25.035	1004	6.40	12.6	35.0	1.333	879	1180	MIS.	1953
FREMANTLE	LOWER WATROUS	0.071	30.90	0.00	30.90	0.022	0.000	0.022	0.021	0.001	0.385	32	2.10	18.7	25.0	1.333	879	1190	TRI.	1971
GRIFFIN	FROBISHER	0.400	55.30	0.00	55.30	0.221	0.000	0.221	0.205	0.016	7.608	324	3.20	6.9	35.0	1.163	885	1302	MIS.	1958
GRIFFIN NORTH	FROBISHER	0.917	18.40	0.00	18.40	0.169	0.000	0.169	0.160	0.009	2.700	291	6.78	8.0	35.0	1.124	904	1273	MIS.	1968
HANDSWORTH	ALIDA	10.982	23.80	0.00	23.80	2.614	0.000	2.614	1.696	0.918	104.728	2526	7.89	11.3	35.0	1.333	886	1204	MIS.	1964
HARTAVEN	FROBISHER-ALIDA	1.622	41.00	0.00	41.00	0.665	0.000	0.665	0.369	0.296	38.867	369	5.70	13.7	40.0	1.124	876	1199	MIS.	1965
HAZELWOOD CENTRAL	TILSTON	4.050	13.00	0.00	13.00	0.527	0.000	0.527	0.377	0.150	28.127	712	7.47	14.1	40.0	1.111	848	1149	MIS.	1963
HAZELWOOD SOUTH	TILSTON	9.682	13.20	0.00	13.20	1.278	0.000	1.278	0.890	0.388	94.874	1085	10.80	15.3	40.0	1.111	870	1210	MIS.	1993
HAZELWOOD WEST	TILSTON	1.065	5.00	0.00	5.00	0.053	0.000	0.053	0.045	0.008	3.133	130	8.68	17.5	40.0	1.111	870	1210	MIS.	1957
HEWARD	FROBISHER	4.182	9.30	0.00	9.30	0.389	0.000	0.389	0.298	0.091	22.313	842	7.04	13.0	39.0	1.124	878	1226	MIS.	1986
HEWARD SOUTH	FROBISHER	1.630	5.10	0.00	5.10	0.083	0.000	0.083	0.041	0.042	6.707	486	7.56	7.7	35.0	1.124	887	1245	MIS.	1965
HOFFER	RATCLIFFE	0.447	62.30	0.00	62.30	0.279	0.000	0.279	0.269	0.010	1.053	97	6.20	14.3	35.0	1.250	869	19	MIS.	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/00	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
HUME	MIDALE	1.505	21.10	0.00	21.10	0.318	0.000	0.318	0.263	0.055	7.110	660	4.30	8.9	35.0	1.124	869	1332	MIS.	1968
HUNTOON	FROBISHER	9.519	8.15	0.00	8.15	0.776	0.000	0.776	0.691	0.085	17.379	1629	9.00	10.0	35.0	1.124	892	1372	MIS.	1957
	MIDALE (NON-UNIT)	2.917	5.70	0.00	5.70	0.166	0.000	0.166	0.156	0.010	4.639	1101	5.52	8.3	35.0	1.124	890	1371	MIS.	1957
	MIDALE (VOLUNTARY UNIT NO. 1)	4.443	5.00	4.60	9.60	0.222	0.204	0.427	0.364	0.062	4.201	1230	3.47	18.0	35.0	1.124	874	1359	MIS.	1957
	MIDALE (VOLUNTARY UNIT NO. 2)	0.522	2.07	1.56	3.63	0.011	0.008	0.019	0.018	0.001	0.500	162	5.70	12.7	50.0	1.124	875	1371	MIS.	1957
HUNTOON NORTH	FROBISHER (NON-UNIT)	1.132	6.26	0.00	6.26	0.071	0.000	0.071	0.069	0.002	2.991	243	10.20	7.9	35.0	1.124	892	1370	MIS.	1987
	FROBISHER (VOLUNTARY UNIT NO. 1)	0.597	6.80	0.00	6.80	0.041	0.000	0.041	0.036	0.004	1.759	129	10.00	8.0	35.0	1.124	892	1370	MIS.	1987
INGOLDSBY	FROBISHER-ALIDA	5.154	37.40	0.00	37.40	1.928	0.000	1.928	1.845	0.083	14.464	757	10.50	10.7	30.0	1.155	876	1089	MIS.	1955
INNES	FROBISHER	13.212	26.80	0.00	26.80	3.541	0.000	3.541	2.893	0.648	95.302	2655	10.60	8.4	35.0	1.163	891	1333	MIS.	1965
LAKE ALMA	RATCLIFFE (VOLUNTARY UNIT)	2.379	17.00	24.70	41.70	0.404	0.588	0.992	0.882	0.110	8.989	437	4.24	23.5	40.0	1.098	874	1981	MIS.	1965
LOST HORSE HILL	FROBISHER-ALIDA (NON-UNIT)	16.696	22.30	0.00	22.30	3.723	0.000	3.723	2.047	1.676	151.471	2186	10.14	14.1	40.0	1.124	897	1174	MIS.	1983
	FROBISHER-ALIDA (VOL UNIT NO. 1)	9.649	28.90	0.00	28.90	2.789	0.000	2.789	2.485	0.303	33.422	583	20.95	15.7	45.0	1.093	848	1174	MIS.	1983
LOUGHEED	MIDALE (NON-UNIT)	19.103	9.10	0.00	9.10	1.738	0.000	1.738	1.371	0.368	93.658	1635	10.23	19.8	35.0	1.124	873	1407	MIS.	1959
	MIDALE (VOLUNTARY UNIT NO. 1)	13.912	10.06	6.30	16.36	1.400	0.876	2.276	1.249	1.027	148.555	1485	8.10	20.0	35.0	1.124	873	1407	MIS.	1959
MACOUN	MIDALE (NON-UNIT)	0.799	40.50	0.00	40.50	0.324	0.000	0.324	0.266	0.058	3.919	356	3.62	11.1	35.0	1.163	895	1531	MIS.	1989
	MIDALE (VOLUNTARY UNIT NO. 1)	0.862	16.50	3.50	20.00	0.142	0.030	0.172	0.151	0.021	4.256	194	6.97	11.4	35.0	1.163	895	1531	MIS.	1989
MACOUN SOUTH	MIDALE	0.267	27.50	0.00	27.50	0.074	0.000	0.074	0.068	0.006	2.985	97	5.30	11.0	45.0	1.163	895	1550	MIS.	1991
MACOUN WEST	MIDALE	0.793	12.40	0.00	12.40	0.098	0.000	0.098	0.082	0.017	3.853	259	7.44	8.7	45.0	1.163	888	1559	MIS.	1970
MELROSE	FROBISHER-ALIDA	1.787	25.10	0.00	25.10	0.449	0.000	0.449	0.291	0.157	34.144	308	7.61	15.6	45.0	1.124	878	1169	MIS.	1963
MIDALE	CENTRAL FROBISHER	8.444	17.80	0.00	17.80	1.503	0.000	1.503	1.112	0.391	64.572	2477	7.90	9.7	50.0	1.124	881	1411	MIS.	1953
	CENTRAL MIDALE (E. VOL UNIT NO. 1)	2.552	9.70	0.00	9.70	0.247	0.000	0.247	0.185	0.062	5.733	680	3.79	17.8	37.5	1.124	883	1429	MIS.	1976
	CENTRAL MIDALE (NON-UNIT)	16.104	9.90	0.00	9.90	1.594	0.000	1.594	1.190	0.405	33.877	3950	4.00	17.9	36.0	1.124	883	1402	MIS.	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 1)	1.391	4.40	4.10	8.50	0.061	0.057	0.118	0.095	0.024	2.857	259	7.03	14.7	41.6	1.124	883	1340	MIS.	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 2)	2.351	14.20	11.60	25.80	0.334	0.273	0.607	0.390	0.216	18.272	324	5.50	22.1	32.9	1.124	883	1340	MIS.	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 3)	2.921	5.40	0.00	5.40	0.158	0.000	0.158	0.080	0.078	3.601	648	4.22	18.8	36.1	1.124	883	1467	MIS.	1964
	CENTRAL MIDALE (UNIT)	81.734	12.00	17.24	29.24	9.808	14.091	23.899	19.141	4.758	380.452	12335	7.54	16.3	39.4	1.124	877	1402	MIS.	1953
MINARD	MIDALE	1.100	3.17	0.00	3.17	0.035	0.000	0.035	0.033	0.002	1.377	324	2.93	26.0	45.0	1.234	905	1340	MIS.	1956
MONTMARTRE	RED RIVER	4.091	2.20	0.00	2.20	0.090	0.000	0.090	0.040	0.050	18.679	259	24.40	12.0	35.0	1.205	896	2160	MIS.	1998
MOOSE VALLEY	TILSTON	8.877	15.50	0.00	15.50	1.376	0.000	1.376	0.894	0.482	76.963	1166	11.10	12.7	40.0	1.111	909	1163	MIS.	1958
MOOSE VALLEY SOUTH	TILSTON	1.368	6.42	0.00	6.42	0.088	0.000	0.088	0.072	0.016	5.609	130	12.10	16.1	40.0	1.111	909	1204	MIS.	1992
MOOSOMIN	RED JACKET SAND	1.610	13.00	0.00	13.00	0.209	0.000	0.209	0.119	0.090	11.293	97	7.68	29.1	25.0	1.010	928	596	JUR.	1984
NEPTUNE	RATCLIFFE	3.730	19.50	0.00	19.50	0.727	0.000	0.727	0.485	0.243	12.948	971	4.85	16.0	45.0	1.111	910	1764	MIS.	1967
NEPTUNE NORTH	MIDALE	12.009	1.60	0.00	1.60	0.192	0.000	0.192	0.136	0.056	15.158	567	20.00	17.7	35.0	1.087	920	1514	MIS.	1983
NORTH HANDSWORTH	ALIDA (NON-UNIT)	3.068	19.00	0.00	19.00	0.583	0.000	0.583	0.530	0.053	17.142	939	6.70	10.0	35.0	1.333	885	1176	MIS.	1965
	ALIDA (VOLUNTARY UNIT NO. 1)	0.238	13.47	0.00	13.47	0.032	0.000	0.032	0.031	0.001	0.546	65	7.50	10.0	35.0	1.333	885	1176	MIS.	1965
PHEASANT RUMP	ALIDA	1.257	7.70	0.00	7.70	0.097	0.000	0.097	0.076	0.021	3.479	194	8.00	14.0	35.0	1.124	875	1290	MIS.	1996
RALPH	MIDALE (NON-UNIT)	0.161	6.89	0.00	6.89	0.011	0.000	0.011	0.011	0.000	0.340	97	3.85	11.0	55.9	1.124	863	1315	MIS.	1973
RED JACKET	GRAVELBOURG	0.221	6.15	0.00	6.15	0.014	0.000	0.014	0.013	0.000	0.166	32	3.60	31.0	38.0	1.003	930	735	JUR.	1985
	RED JACKET SAND	4.898	18.00	5.40	23.40	0.882	0.264	1.146	0.733	0.413	68.724	405	6.75	28.8	37.5	1.003	948	665	JUR.	1984
RED JACKET SOUTH	RED JACKET SAND	1.218	2.17	0.00	2.17	0.026	0.000	0.026	0.024	0.002	0.577	65	10.50	28.0	35.0	1.020	954	700	JUR.	1990

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING RESERVES	2000 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/00		1000 m3	ha	m				KG/m3	m		
			%			1000000 m3								%						
SILVERTON EAST	FROBISHER	0.659	25.00	0.50	25.50	0.165	0.003	0.168	0.135	0.033	5.739	238	6.00	8.0	35.0	1.127	854	1135	MIS.	1994
SILVERTON WEST	FROBISHER-ALIDA	1.757	21.30	0.00	21.30	0.374	0.000	0.374	0.145	0.229	63.315	324	5.00	18.8	35.0	1.127	845	1170	MIS.	1996
SKINNER LAKE	RATCLIFFE	2.338	10.10	0.00	10.10	0.236	0.000	0.236	0.159	0.077	7.313	615	4.29	17.9	45.0	1.111	893	1723	MIS.	1969
STOUGHTON	FROBISHER-ALIDA	1.113	44.60	0.00	44.60	0.496	0.000	0.496	0.456	0.041	9.210	473	4.30	9.8	35.0	1.164	882	1268	MIS.	1960
STOUGHTON NORTH	FROBISHER	0.901	5.11	0.00	5.11	0.046	0.000	0.046	0.043	0.003	1.458	194	12.00	6.9	35.0	1.162	874	1245	MIS.	1985
STOUGHTON SOUTH	FROBISHER	2.098	18.80	0.00	18.80	0.395	0.000	0.395	0.274	0.121	22.731	712	8.20	7.6	45.0	1.163	892	1265	MIS.	1974
TATAGWA	MIDALE	3.982	15.80	0.00	15.80	0.629	0.000	0.629	0.518	0.111	22.832	615	7.10	16.8	41.0	1.087	904	1478	MIS.	1977
TATAGWA CENTRAL	MIDALE	18.021	4.52	0.00	4.52	0.815	0.000	0.815	0.641	0.174	31.912	1101	16.68	16.4	35.0	1.087	904	1478	MIS.	1977
TATAGWA NORTH	MIDALE	44.789	1.85	0.01	1.86	0.829	0.005	0.834	0.636	0.197	52.521	2558	14.90	16.5	27.0	1.025	900	1470	MIS.	1983
TATAGWA WEST	MIDALE	15.563	3.49	0.00	3.49	0.543	0.000	0.543	0.310	0.233	37.848	761	22.50	15.2	35.0	1.087	924	1487	MIS.	1978
UNION JACK	MIDALE	1.988	1.38	0.00	1.38	0.027	0.000	0.027	0.024	0.003	1.792	227	11.30	13.4	35.0	1.124	880	1306	MIS.	1990
VIEW HILL	MIDALE	0.629	30.80	0.00	30.80	0.194	0.000	0.194	0.183	0.010	4.267	227	5.61	11.1	50.0	1.124	885	1539	MIS.	1959
VIEWFIELD	FROBISHER (NON-UNIT)	3.083	9.68	0.00	9.68	0.298	0.000	0.298	0.284	0.015	4.968	567	10.00	10.7	35.0	1.279	872	1270	MIS.	1969
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.171	7.76	0.00	7.76	0.091	0.000	0.091	0.089	0.002	2.060	256	6.00	15.0	35.0	1.279	872	1270	MIS.	1969
WAPELLA	MANNVILLE SAND	5.530	4.80	0.00	4.80	0.265	0.000	0.265	0.195	0.070	21.778	210	11.90	29.8	25.0	1.010	912	630	CRE.	1983
	RED JACKET SAND	0.403	37.50	0.00	37.50	0.151	0.000	0.151	0.131	0.021	3.954	32	7.15	24.7	28.0	1.010	912	680	JUR.	1954
	WAPELLA SAND	18.360	24.10	0.00	24.10	4.429	0.000	4.429	3.341	1.088	201.108	1619	5.85	26.0	30.0	1.010	906	701	CRE.-JUR.	1952
WEIR HILL	FROBISHER	1.027	12.45	0.00	12.45	0.128	0.000	0.128	0.124	0.004	2.538	113	24.83	7.5	35.0	1.333	871	1353	MIS.	1968
WELWYN	RED JACKET SAND	0.181	16.00	0.00	16.00	0.029	0.000	0.029	0.014	0.015	2.024	32	3.00	30.0	30.0	1.111	946	600	JUR.	1990
WEST INNES	FROBISHER	1.002	24.00	0.00	24.00	0.240	0.000	0.240	0.229	0.012	3.961	291	8.80	7.0	35.0	1.163	893	1335	MIS.	1965
WEST KINGSFORD	MIDALE (CULLEN UNIT)	0.882	55.60	0.00	55.60	0.490	0.000	0.490	0.471	0.019	3.542	291	5.36	10.4	35.0	1.196	895	1485	MIS.	1955
	MIDALE (NON-UNIT)	3.455	23.20	0.00	23.20	0.802	0.000	0.802	0.736	0.066	23.871	1004	5.50	11.6	35.0	1.205	882	1485	MIS.	1955
WEYBURN	FROBISHER	9.626	7.70	0.00	7.70	0.741	0.000	0.741	0.662	0.079	15.807	1678	10.10	9.2	38.0	1.124	876	1417	MIS.	1954
	MIDALE (NON-UNIT)	41.479	8.80	0.25	9.05	3.650	0.104	3.754	2.824	0.930	130.990	6119	6.42	17.2	31.0	1.124	877	1405	MIS.	1954
	MIDALE (UNIT)	176.185	15.50	21.27	36.77	27.309	37.475	64.783	55.825	8.958	1045.805	21529	7.83	17.2	31.7	1.124	880	1399	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 9)	0.225	13.20	8.00	21.20	0.030	0.018	0.048	0.034	0.014	1.024	130	5.40	10.3	65.1	1.124	880	1405	MIS.	1954
	TOTAL AREA 4M	**771.680**				**95.779**	**58.965**	**154.744**	**123.263**	**31.483**	**3,992.636**									
	PROVINCIAL TOTAL	**5,166.711**				**494.386**	**264.142**	**758.538**	**573.376**	**185.179**	**24,244.720**									

RESERVOIR DATA

RESERVES AND

PRODUCTION — GAS

FIVE YEAR GAS SUMMARY

	1996	1997	1998	1999	2000
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	164 954.5	167 666.2	171 545.0	176 687.7	188 118.8
Associated	1 825.3	2 010.7	2 051.7	2 117.3	2 127.4
Dissolved	13 204.3	14 912.6	15 122.4	15 122.4	17 838.3
PROVINCIAL TOTAL	179 984.1	184 589.5	188 719.2	193 927.4	208 084.5
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	73 597.7	69 828.8	67 525.9	66 474.9	71 075.1
Associated	940.5	1 000.9	1 005.1	1 012.5	952.1
Dissolved	4 005.5	5 150.9	4 696.0	3 957.0	5 889.6
PROVINCIAL TOTAL	78 543.7	75 980.6	73 227.0	71 444.4	77 916.8
YEARLY PRODUCTION (Million Cubic Metres)					
Non-Associated	6 863.3	6 470.6	6 204.6	6 426.6	6 595.2
Associated	19.0	51.1	36.7	47.0	33.4
Dissolved	461.3	562.8	664.8	739.0	783.5
PROVINCIAL TOTAL	7 343.6	7 084.5	6 906.1	7 212.6	7 412.1
NUMBER OF PRODUCING WELLS					
Non-Associated	8 296	8 571	9 122	10 221	11 452
Associated	6	4	4	6	9
PROVINCIAL TOTAL	8 302	8 575	9 126	10 227	11 461
AVERAGE DAILY PRODUCTION (Million Cubic Metres Per Day)					
Non-Associated	23.089	20.742	21.131	22.836	22.352
Associated	0.079	0.199	0.183	0.182	0.195
Dissolved	1.264	1.542	1.822	2.024	2.147
PROVINCIAL TOTAL	24.432	22.483	23.136	25.042	24.694

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					------ MILLION CUBIC METRES ------				--- MILLION M^3 ---									
NON-ASSOCIATED GAS RESERVES																		
BARTHEL	COLONY SAND	23.1	80	5	17.6	16.3	1.3	36.7	0.115	0.002	447	1.58	30.0	50.0	0.565	334	CRET.	1993
BAYHURST	VIKING (VOLUNTARY UNIT)	2,567.7	80	5	1,951.5	1,951.4	0.1	37.4	0.000	0.000	6,192	3.57	25.0	35.0	0.580	661	CRET.	1958
BAYHURST WEST	VIKING (VOLUNTARY UNIT)	335.7	85	5	271.1	250.4	20.7	35.6	9.062	0.025	1,400	1.62	32.0	35.0	0.580	696	CRET.	1968
BEACON HILL	MANNVILLE SAND (NON-UNIT)	375.4	80	5	285.3	250.1	35.2	35.6	15.575	0.044	3,613	3.00	30.0	47.5	0.568	274	CRET.	1963
	MANNVILLE SAND (VOLUNTARY UNIT)	3,936.4	80	5	2,991.7	2,774.6	217.1	35.6	122.881	0.350	17,948	4.75	35.0	40.0	0.568	274	CRET.	1963
BEACON HILL SOUTH	MANNVILLE SAND	2,177.3	86	5	1,778.9	1,643.9	135.0	35.6	72.407	0.206	7,250	6.30	31.0	30.0	0.568	274	CRET.	1963
BEACON HILL WEST	MANNVILLE SAND	773.4	85	5	624.5	464.6	159.9	35.9	33.547	0.104	2,848	5.00	35.0	35.0	0.573	310	CRET.	1978
BEAR CREEK	MANNVILLE SAND	562.8	80	5	427.7	367.7	60.0	36.6	26.032	0.074	3,626	4.65	25.0	39.0	0.572	363	CRET.	1990
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO. 1)	378.0	82	5	294.5	293.0	1.5	36.9	0.000	0.000	874	2.53	28.1	33.0	0.583	972	CRET.	1965
BIGSTICK	SECOND WHITE SPECKS	22,283.4	65	5	13,747.6	7,276.2	6,471.4	35.6	307.939	1.056	106,300	2.46	20.2	35.0	0.580	692	CRET.	1980
BRANCH LAKE	COLONY SAND	779.1	75	5	555.1	360.9	194.2	36.3	36.567	0.127	4,026	4.50	30.0	40.0	0.569	342	CRET.	1973
BROCK	VIKING (NON-UNIT)	52.3	80	5	39.7	17.9	21.8	36.3	0.907	0.004	777	2.33	15.7	40.0	0.588	716	CRET.	1951
	VIKING (UNIT)	765.2	83	5	603.4	591.0	12.4	36.3	2.146	0.011	5,698	2.19	14.5	40.0	0.588	716	CRET.	1951
BROCK EAST	VIKING SAND	184.7	35	5	61.4	25.6	35.8	34.6	0.629	0.006	1,813	0.93	24.0	40.0	0.597	720	CRET.	1967
BRONSON LAKE	COLONY SAND	1,006.6	90	5	860.6	742.6	118.0	35.9	51.743	0.145	2,978	5.23	30.0	20.0	0.574	455	CRET.	1974
	WASECA SAND	70.6	75	5	50.3	19.1	31.2	36.3	0.000	0.000	503	4.21	22.5	50.0	0.570	457	CRET.	1986
BURSTALL	MEDICINE HAT SAND	744.3	65	5	459.6	13.9		35.4	0.369	0.003	7,753	2.60	16.0	50.0	0.575	520	CRET.	1952
	MILK RIVER	853.4	60	5	486.4	126.0	540.6	35.4	10.667	0.033	11,703	2.20	16.0	45.0	0.574	460	CRET.	1952
	MILK RIVER-MEDICINE HAT	--	--	--	--	265.5		35.4	23.656	0.095	--	--	--	--	0.574	460	CRET.	1952
BURSTALL NORTH	VIKING SAND	232.0	65	5	143.3	111.6	31.7	35.6	1.008	0.003	1,011	1.90	26.0	45.0	0.580	748	CRET.	1973
CARRUTHERS	COLONY SAND	219.3	72	5	150.0	150.0	0.0	34.0	0.000	0.000	777	4.03	26.3	29.0	0.595	518	CRET.	1980
CAVALIER	SPINNEY HILL SAND	111.6	80	5	84.8	84.8	0.0	32.4	0.000	0.000	1,515	1.30	25.0	30.0	0.620	400	CRET.	1972
COLD LAKE	COLONY SAND	357.5	80	5	271.7	185.7	86.0	36.4	7.145	0.020	2,720	3.74	29.0	40.0	0.568	330	CRET.	1990
COLEVILLE-SMILEY	VIKING (NON-UNIT)	156.6	85	5	126.5	48.1	78.4	38.3	0.298	0.001	516	2.44	25.5	32.0	0.608	686	CRET.	1951
	VIKING (UNIT)	6,995.6	90	5	5,981.2	5,760.5	220.7	38.3	80.398	0.226	20,980	3.05	22.5	32.0	0.608	686	CRET.	1951
CONSUL	SECOND WHITE SPECKS	76.2	70	5	50.7	0.0	50.7	34.6	0.000	0.000	259	3.05	23.0	40.0	0.591	860	CRET.	1971
	UPPER SHAUNAVON	57.4	50	5	27.3	27.3	0.0	36.7	0.000	0.000	127	2.13	20.0	25.0	0.600	1,305	JURA	1971
CRANE LAKE	MEDICINE HAT SAND	215.2	65	5	132.9	0.6		35.4	0.068	0.001	2,331	2.50	16.0	50.0	0.575	477	CRET.	1953
	MILK RIVER	6,247.6	65	5	3,857.9	2,174.3	1,744.6	35.4	166.268	0.463	29,073	6.35	16.0	45.0	0.574	442	CRET.	1970
	MILK RIVER-MEDICINE HAT	--	--	--	--	71.3		35.4	35.719	0.115	--	--	--	--	0.575	442	CRET.	1953
CRANE LAKE SOUTH	MEDICINE HAT SAND	34.1	65	5	21.1	0.0		35.4	0.000	0.000	259	3.00	19.0	50.0	0.575	477	CRET.	1983
	MILK RIVER	985.1	60	5	561.5	145.7	431.5	35.4	24.373	0.078	12,626	2.08	18.0	45.0	0.574	465	CRET.	1983
	MILK RIVER-MEDICINE HAT	--	--	--	--	5.4		35.4	2.087	0.006	--	--	--	--	0.575	465	CRET.	1983
CRANE LAKE SOUTH	SECOND WHITE SPECKS	4,592.6	68	5	2,966.8	2,406.8	560.0	35.4	77.009	0.232	32,375	2.59	14.0	41.0	0.572	700	CRET.	1983
CYPRESS	SECOND WHITE SPECKS	528.2	75	5	376.3	284.6	91.7	36.1	13.151	0.036	2,072	3.13	20.9	41.9	0.576	899	CRET.	1994

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					—— MILLION CUBIC METRES ——				— MILLION M^3 —									
DODSLAND NORTH	VIKING SAND (NON-UNIT)	1,379.4	65	5	851.8	601.1	250.7	40.7	32.348	0.099	12,691	1.50	22.4	50.0	0.621	669	CRET.	1953
	VIKING SAND (UNIT)	843.0	80	5	640.7	596.6	44.1	40.7	9.838	0.038	4,452	2.01	22.4	35.0	0.621	669	CRET.	1953
DRAKE LAKE	COLONY SAND	245.8	80	5	186.8	132.6	54.2	36.9	7.084	0.021	900	3.56	27.0	40.0	0.583	634	CRET.	1993
DRIVER	BAKKEN SAND	190.1	80	5	144.5	143.7	0.8	37.2	0.232	0.008	788	2.50	17.0	25.0	0.564	800	MISS.	1985
	MANNVILLE SAND	278.3	85	5	224.7	207.1	17.6	37.1	17.112	0.053	1,222	2.27	25.0	45.0	0.578	749	CRET.	1985
FLAT VALLEY	COLONY SAND	64.5	58	5	35.5	35.5	0.0	35.1	0.000	0.000	518	3.51	30.0	50.0	0.582	298	CRET.	1971
	ST. WALBURG SAND	0.4	70	5	0.3	0.3	0.0	33.9	0.000	0.000	5	2.00	33.0	50.0	0.594	202	CRET.	1977
FORT PITT	COLONY SAND	474.8	80	5	360.8	286.1	74.7	35.9	13.947	0.043	2,166	4.60	23.2	27.0	0.578	388	CRET.	1972
FORT PITT NORTH	COLONY SAND	1,102.3	80	5	837.7	696.1	141.6	37.0	15.934	0.047	2,000	8.67	28.0	20.0	0.568	473	CRET.	1971
	WASECA SAND	45.1	85	5	36.4	31.6	4.8	35.8	0.000	0.000	288	2.30	30.0	25.0	0.575	495	CRET.	1988
FREEFIGHT	MILK RIVER	5,262.4	70	5	3,469.5	2,312.3	1,187.2	35.4	125.704	0.353	25,707	6.45	16.0	45.0	0.574	434	CRET.	1970
FREEFIGHT NORTH	MILK RIVER	349.4	65	5	215.8	73.1	142.7	35.4	11.161	0.110	4,403	2.50	16.0	45.0	0.574	406	CRET.	1977
FRENCHMAN BUTTE	COLONY SAND	996.5	85	5	804.7	680.0	124.7	35.9	19.713	0.055	2,590	8.00	27.4	37.8	0.577	424	CRET.	1984
	ST. WALBURG SAND	294.8	80	5	224.0	205.3	18.7	35.2	10.081	0.028	800	6.00	32.0	37.0	0.575	351	CRET.	1974
	WASECA SAND	22.3	80	5	16.9	16.9	0.0	36.3	0.000	0.000	299	1.83	27.6	50.0	0.576	466	CRET.	1974
GLIDDEN	VIKING SAND	128.8	74	5	90.5	90.5	0.0	35.8	0.000	0.000	1,813	0.76	21.0	40.0	0.584	694	CRET.	1953
GOLD LAKE	COLONY SAND	229.0	80	5	174.0	109.4	64.6	35.6	10.083	0.028	1,747	4.37	30.0	40.0	0.575	355	CRET.	1990
GREENAN	VIKING SAND	1,400.3	35	5	465.6	413.1	52.5	35.2	5.375	0.016	6,216	1.98	24.6	35.0	0.596	655	CRET.	1969
GULL LAKE	CANTAUR SAND	794.6	70	5	526.5	520.4	6.1	36.4	4.942	0.014	2,011	3.14	23.0	45.0	0.596	1,057	CRET.	1957
HALLAM	COLONY SAND	35.3	80	5	26.8	21.8	5.0	36.5	2.115	0.006	175	3.50	20.0	45.0	0.569	675	CRET.	1974
	WASECA SAND	105.7	85	5	85.4	73.2	12.2	36.6	0.221	0.001	480	3.50	20.0	40.0	0.579	687	CRET.	1974
HATTON	MEDICINE HAT SAND (AGREEMENT AREA)	2,089.9	80	5	1,588.3	1,072.8	515.5	35.4	81.094	0.314	14,569	2.95	21.0	50.0	0.575	477	CRET.	1953
	MEDICINE HAT SAND (NON-UNIT)	22,134.1	80	5	16,821.9	8,686.1		35.4	144.359	0.445	166,830	3.01	19.1	50.0	0.575	477	CRET.	1953
	MILK RIVER	78,811.6	66	5	49,414.9	15,933.0	26,610.6	35.4	635.345	1.954	237,468	8.90	18.0	45.0	0.574	335	CRET.	1953
	MILK RIVER-MEDICINE HAT	--	--	--	--	15,007.1		35.4	1,117.898	3.543	--	--	--	--	0.574	335	CRET.	1953
HILLMOND	COLONY SAND	114.8	80	5	87.2	52.5	34.7	36.4	3.613	0.021	475	5.00	25.0	40.0	0.571	430	CRET.	1980
	LLOYDMINSTER SAND	98.4	85	5	79.5	78.9	0.6	36.5	0.883	0.003	323	3.50	30.0	30.0	0.570	528	CRET.	1980
HOOSIER	VIKING (NON-UNIT)	35.1	60	5	20.0	20.0	0.0	37.3	0.000	0.000	259	1.30	23.0	32.0	0.600	732	CRET.	1953
	VIKING (UNIT)	4,643.2	70	5	3,087.7	2,864.9	222.8	37.3	42.952	0.142	12,468	3.32	23.0	32.0	0.600	732	CRET.	1953
HOOSIER SOUTH	BAKKEN SAND	454.3	75	5	323.7	165.5	158.2	37.0	82.998	0.316	1,040	3.00	25.0	30.0	0.564	863	MISS.	1997
INGEBRIGT	MILK RIVER	9,970.6	77	5	7,293.5	4,480.3	2,813.2	35.4	400.007	1.170	42,994	6.95	16.0	45.0	0.574	414	CRET.	1970
KINDERSLEY	VIKING SAND	434.2	70	5	288.7	267.5	21.2	36.7	3.096	0.008	2,590	2.10	18.3	40.0	0.579	687	CRET.	1980
LASHBURN	MCLAREN SAND	308.1	80	5	234.2	202.3	31.9	35.8	7.187	0.020	1,239	3.05	35.0	30.0	0.596	476	CRET.	1960
LIEBENTHAL	MILK RIVER	4,103.8	65	5	2,534.1	1,438.2	1,095.9	35.4	149.351	0.569	39,886	2.95	16.0	45.0	0.578	396	CRET.	1974
LLOYDMINSTER	COLONY SAND	306.9	80	5	233.2	231.1	2.1	34.4	0.000	0.000	1,280	4.10	25.0	30.0	0.568	518	CRET.	1935
LLOYDMINSTER NORTH	COLONY SAND	22.6	75	5	16.1	13.7	2.4	34.4	0.000	0.000	259	1.52	25.0	30.0	0.595	502	CRET.	1952
LOON LAKE	COLONY SAND	66.7	60	5	38.0	37.9	0.1	36.0	0.000	0.000	700	3.20	29.0	50.0	0.570	282	CRET.	1985

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					------ MILLION CUBIC METRES ------				--- MILLION M^3 ---									
LOVERNA NORTH	BAKKEN SAND	275.2	80	5	209.2	181.1	28.1	39.3	5.740	0.020	258	9.90	20.4	37.5	0.578	831	MISS.	1989
	MANNVILLE SAND	258.7	80	5	195.1	152.6	42.5	27.3	2.759	0.010	841	3.50	24.4	56.0	0.578	768	CRET.	1973
LOVERNA SOUTH	BAKKEN SAND	467.7	75	5	333.2	317.8	15.4	37.4	0.887	0.006	1,613	2.08	20.2	21.0	0.580	826	MISS.	1973
	VIKING SAND	372.1	85	5	300.5	274.5	26.0	37.9	7.144	0.021	2,300	2.80	22.5	53.0	0.592	689	CRET.	1973
LOVERNA WEST	BAKKEN SAND	232.3	75	5	165.5	165.5	0.0	39.1	0.000	0.000	522	5.00	17.0	40.0	0.605	844	MISS.	1980
LUSELAND	VIKING SAND	866.0	30	5	253.1	133.3	119.8	37.9	12.067	0.035	14,211	1.25	16.0	50.0	0.590	600	CRET.	1973
MAKWA	MANNVILLE SAND	464.1	75	5	330.7	289.3	41.4	36.1	14.855	0.047	3,108	3.50	29.5	40.0	0.572	306	CRET.	1984
MARENGO	VIKING SAND	118.9	60	5	67.8	61.1	6.7	36.3	1.657	0.012	518	1.89	25.0	35.0	0.576	728	CRET.	1954
MERRYFLAT	SECOND WHITE SPECKS	887.0	55	5	463.5	268.6	194.9	36.3	18.108	0.051	3,885	3.36	20.8	50.0	0.575	1,005	CRET.	1971
MILTON	VIKING SAND	1,080.1	85	5	872.2	860.0	12.2	37.3	5.088	0.022	5,051	1.74	25.0	32.0	0.604	732	CRET.	1954
MONCHY	SECOND WHITE SPECKS	370.4	50	5	175.9	15.9	160.0	36.1	11.560	0.036	3,096	2.50	18.0	50.0	0.578	585	CRET.	1976
MUDIE LAKE	COLONY SAND	1,259.1	80	5	956.9	725.8	231.1	36.0	52.877	0.157	6,030	4.14	28.9	35.0	0.571	389	CRET.	1971
PARADISE HILL	COLONY SAND	271.8	80	5	206.6	131.2	75.4	35.7	11.516	0.042	2,134	2.70	27.0	45.0	0.579	411	CRET.	1988
	WASECA SAND	116.7	80	5	88.7	68.8	19.9	36.0	8.997	0.026	650	2.65	30.0	32.5	0.575	459	CRET.	1990
PECK LAKE	COLONY SAND	2,279.9	85	5	1,841.0	1,461.1	379.9	36.1	112.654	0.344	9,324	5.15	30.5	48.0	0.574	443	CRET.	1969
PIERCELAND	MANNVILLE SAND	1,582.3	93.5	5	1,405.5	1,405.5	0.0	36.5	0.000	0.000	3,821	9.27	35.0	40.0	0.564	272	CRET.	1969
PIERCELAND WEST	COLONY SAND	258.2	70	5	171.7	141.0	30.7	37.4	8.668	0.026	1,654	4.60	29.6	52.0	0.558	308	CRET.	1983
PRAIRIEDALE EAST	VIKING SAND	455.8	60	5	259.8	103.1	156.7	37.3	18.721	0.068	4,144	1.80	18.0	50.0	0.600	700	CRET.	1978
PRIMATE	MANNVILLE SAND	140.0	80	5	106.4	103.4	3.0	36.8	2.273	0.008	440	4.00	28.0	48.0	0.570	747	CRET.	1989
PRIMROSE LAKE	MANNVILLE SAND	874.6	85	5	706.2	423.5	282.7	36.3	25.353	0.071	3,690	8.22	28.0	40.0	0.568	277	CRET.	1990
PRIMROSE LAKE EAST	MANNVILLE SAND	1,089.6	85	5	879.9	680.8	199.1	36.3	60.523	0.170	5,113	8.00	30.0	30.0	0.575	277	CRET.	1991
REX	LLOYDMINSTER SAND	162.1	80	5	138.4	137.4	1.0	38.1	0.044	0.006	525	4.00	30.0	30.0	0.570	521	CRET.	1980
SALVADOR	MANNVILLE SAND	250.1	75	5	178.2	95.3	82.9	36.9	4.428	0.012	580	4.63	28.7	41.7	0.566	731	CRET.	1980
SENATE	SECOND WHITE SPECKS	1,122.0	60	5	639.5	524.2	115.3	35.6	9.398	0.026	5,698	2.17	23.0	40.0	0.576	808	CRET.	1971
SENLAC	MCLAREN SAND	288.6	80	5	219.3	152.2	67.1	38.5	35.577	0.108	1,400	2.20	27.0	30.0	0.577	666	CRET.	1993
	SPARKY SAND	405.5	85	5	327.4	318.9	8.5	38.0	1.632	0.020	1,554	3.00	28.0	40.0	0.580	697	CRET.	1967
SPRUCE LAKE	MANNVILLE SAND	2.6	65	5	1.6	1.6	0.0	38.5	0.000	0.000	32	1.68	28.0	40.0	0.571	458	CRET.	1981
SPRUCE LAKE NORTH	COLONY SAND	94.8	75	5	67.5	58.8	8.7	36.0	1.581	0.004	760	3.40	27.7	35.0	0.570	427	CRET.	1985
SUPERB	BAKKEN SAND (NON-UNIT)	1.8	70	5	1.2	1.2	0.0	37.1	0.000	0.000	7	2.50	19.4	30.0	0.600	796	MISS.	1965
SUPERB	BAKKEN SAND (VOL UNIT NO. 1)	441.2	85	5	356.3	283.6	72.7	37.1	4.828	0.014	648	4.62	26.0	25.0	0.600	798	MISS.	1965
TANGLEFLAGS	COLONY SAND	1,331.5	75	5	948.7	713.1	235.6	35.9	23.908	0.072	2,331	6.30	33.5	15.0	0.600	488	CRET.	1965
	MCLAREN SAND (NON-UNIT)	1,120.9	85	5	905.1	593.8	311.3	35.6	30.573	0.106	2,616	5.50	31.0	25.0	0.591	475	CRET.	1965
	SECOND WHITE SPECKS	186.0	85	5	150.2	123.8	26.4	36.1	3.253	0.011	1,700	1.60	32.0	40.0	0.591	266	CRET.	1965
	ST. WALBURG SAND	123.5	75	5	88.0	67.1	20.9	35.8	2.446	0.007	713	2.50	33.0	40.0	0.581	315	CRET.	1965
TOTNES	VIKING SAND (NON-UNIT)	116.3	60	5	66.3	11.6	54.7	35.5	0.398	0.001	388	2.71	25.0	40.0	0.584	613	CRET.	1969
	VIKING SAND (VOLUNTARY UNIT)	465.7	85	5	376.1	346.5	29.6	35.5	2.428	0.007	1,554	2.71	25.0	40.0	0.584	613	CRET.	1969
UNITY SOUTH	SPARKY SAND	44.2	85	5	35.7	35.7	0.0	35.2	0.000	0.000	319	2.24	28.0	55.0	0.590	606	CRET.	1985

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					MILLION CUBIC METRES				MILLION M^3									
UNITY SOUTH	UNITY SAND	312.3	90	5	267.0	267.0	0.0	33.6	0.000	0.000	880	3.05	26.0	20.0	0.600	632	CRET.	1944
	VIKING SAND	63.3	65	5	39.1	39.1	0.0	37.4	0.000	0.000	666	1.22	21.8	35.0	0.600	503	CRET.	1945
VERENDRYE NORTH	VIKING SAND (VOL UNIT)	177.8	80	5	135.1	112.7	22.4	38.7	9.227	0.026	1,036	1.44	25.0	30.0	0.579	694	CRET.	1972
VIDORA	BEAR PAW SAND	395.6	60	5	225.5	53.5	268.2	35.9	20.745	0.058	6,599	2.50	30.0	30.0	0.587	229	CRET.	1996
	BELLY RIVER SAND	320.9	60	5	182.9	13.6		35.8	4.424	0.012	3,622	3.40	30.0	30.0	0.587	260	CRET.	1998
	BEARPAW-BELLY RIVER SANDS	--	--	--	--	63.1		35.9	19.234	0.057	--	--	--	--	0.587	245	CRET.	1996
WHEAT VALLEY	CANTUAR SAND	139.2	50	5	66.1	66.1	0.0	37.9	0.000	0.000	630	2.10	20.8	38.5	0.580	950	CRET.	1973
WHELAN	MANNVILLE SAND	519.1	85	5	419.2	264.7	154.5	38.7	12.345	0.042	1,943	5.95	31.0	45.0	0.565	407	CRET.	1989
	ST. WALBURG SAND	123.1	85	5	99.4	84.7	14.7	38.5	4.148	0.015	1,425	1.88	30.5	45.0	0.569	321	CRET.	1989
WHITESIDE	RIBSTONE CREEK SAND (VOL UNIT)	652.9	85	5	527.2	511.4	15.8	37.4	4.932	0.014	2,987	4.41	35.0	30.0	0.568	229	CRET.	1962
WHITESIDE WEST	RIBSTONE CREEK SAND	114.2	80	5	86.8	83.5	3.3	36.0	1.418	0.004	1,036	3.53	33.0	25.0	0.572	248	CRET.	1984
	VIKING SAND	425.7	45	5	182.0	97.0	85.0	39.1	3.424	0.015	1,942	2.22	22.8	32.0	0.578	724	CRET.	1956
WYMARK	SECOND WHITE SPECKS	1,913.7	65	5	1,181.7	254.5	927.2	34.4	168.557	0.651	13,080	2.00	18.0	40.0	0.596	884	CRET.	1998
YONKER	COLONY SAND	49.3	85	5	39.8	33.6	6.2	35.8	0.909	0.003	289	2.30	30.0	40.0	0.600	565	CRET.	1989
	MCLAREN SAND	68.7	85	5	55.5	32.0	23.5	35.9	5.222	0.017	388	2.00	28.0	30.0	0.600	575	CRET.	1989
MISCELLANEOUS	ALIDA	48.9	--	--	39.5	37.6	1.9	39.9	0.000	0.000	193	--	--	--	--	--	MISS.	--
	BAKKEN	4,296.7	--	--	3,302.3	1,250.6	2,051.8	37.8	152.163	0.600	7,049	--	--	--	--	--	MISS.	--
	BASAL MANNVILLE	61.1	--	--	60.9	8.5	52.4	38.9	8.461	0.051	125	--	--	--	--	--	CRET.	--
	BEARPAW	147.7	--	--	84.9	4.7	80.2	35.9	3.589	0.014	1,373	--	--	--	--	--	CRET.	--
	BELLY RIVER	875.8	--	--	527.5	198.5	329.0	38.1	31.520	0.104	5,807	--	--	--	--	--	CRET.	--
	CANTUAR	330.9	--	--	252.0	169.5	82.5	35.2	16.601	0.058	1,183	--	--	--	--	--	CRET.	--
	COLONY	11,696.2	--	--	8,786.4	5,372.7	3,413.6	34.4	522.267	1.821	47,529	--	--	--	--	--	CRET.	--
	CUMMINGS	333.5	--	--	251.3	171.1	80.2	38.6	27.184	0.080	1,452	--	--	--	--	--	CRET.	--
	GENERAL PETROLEUM	246.9	--	--	187.1	128.6	58.5	38.1	12.514	0.037	980	--	--	--	--	--	CRET.	--
	LLOYDMINSTER	1,233.8	--	--	980.0	568.7	411.3	34.4	44.530	0.188	3,877	--	--	--	--	--	CRET.	--
	MANNVILLE	11,476.6	--	--	8,701.9	2,677.4	6,024.6	37.4	313.263	1.464	19,077	--	--	--	--	--	CRET.	--
	MCLAREN	3,415.8	--	--	2,591.7	1,971.6	620.1	34.4	84.913	0.349	15,275	--	--	--	--	--	CRET.	--
	MEDICINE HAT	3.6	--	--	2.7	0.0	2.7	35.4	0.000	0.000	66	--	--	--	--	--	CRET.	--
	MILK RIVER	871.8	--	--	537.5	1.1	536.4	35.9	4.344	0.019	1,878	--	--	--	--	--	CRET.	--
	REX	897.5	--	--	675.8	343.7	332.2	34.4	42.749	0.161	4,490	--	--	--	--	--	CRET.	--
	RIBSTONE CREEK	1,238.0	--	--	845.4	346.5	498.9	34.4	39.144	0.161	14,804	--	--	--	--	--	CRET.	--
	ROSERAY	361.5	--	--	269.5	151.7	117.7	37.4	1.882	0.005	857	--	--	--	--	--	CRET.	--
	SECOND WHITE SPECKS	1,183.6	--	--	814.8	305.7	509.1	35.4	59.335	0.278	9,575	--	--	--	--	--	CRET.	--
	SPARKY	1,629.4	--	--	1,380.5	775.2	605.3	34.4	92.076	0.344	7,899	--	--	--	--	--	CRET.	--
	SPINNEY HILL	54.2	--	--	35.0	6.0	29.0	32.0	0.000	0.000	249	--	--	--	--	--	CRET.	--
	ST. WALBURG	1,168.8	--	--	853.4	482.9	370.5	35.2	70.138	0.220	9,585	--	--	--	--	--	CRET.	--
	SUCCESS	1,441.2	--	--	1,119.3	316.3	803.1	38.0	62.583	0.240	2,328	--	--	--	--	--	PRE-CRET.	--

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					—— MILLION CUBIC METRES ——				--- MILLION M^3 ---									
MISCELLANEOUS	UPPER SHAUNAVON	610 1	--	--	481 6	417 6	63 9	36 0	9 201	0 100	715	--	--	--	--	--	JURA	--
	VIKING	6 788 0	--	--	4 465 6	720 3	3 745 3	37 4	84 421	0 382	15 313	--	--	--	--	--	CRET	--
	WASECA	1 439 2	--	--	1 080 8	493 2	587 6	34 2	75 539	0 253	6 535	--	--	--	--	--	CRET	--
	WINNIPEG SAND	32 1	--	--	24 4	3 0	21 4	34 4	2 971	0 030	8	--	--	--	--	--	ORDO	--
	TOTAL NON-ASSOCIATED	**273,790.7**			**188,118.8**	**117,043.8**	**71,075.1**		**6,595.241**	**22.352**								
ASSOCIATED GAS RESERVES																		
ABERFELDY	SPARKY SAND	105 5	80	5	80 2	62 7	17 5	34 4	0 000	0 000	678	2 44	25 0	30 0	0 595	529	CRET	1958
ALIDA EAST	FROBISHER-ALIDA	688 4	55	5	359 7	160 7	199 0	45 0	0 000	0 000	656	5 79	18 1	20 0	0 700	1 116	MISS	1954
ALIDA WEST	ALIDA	81 4	85	5	65 7	0 0	65 7	45 0	0 000	0 000	214	3 05	14 3	31 0	0 700	1 137	MISS	1955
AVON HILL	VIKING SAND	10 5	80	5	8 0	0 0	8 0	37 4	0 000	0 000	40	2 13	25 0	30 0	0 600	678	CRET	1959
BIG GULLY	MCLAREN SAND	67 2	80	5	51 1	27 4	23 7	36 0	2 662	0 008	518	5 00	24 0	30 0	0 579	476	CRET	1962
BIG GULLY	WASECA SAND	25 4	80	5	19 3	16 9	2 4	36 0	0 000	0 000	259	2 00	25 0	30 0	0 586	508	CRET	1962
BUFFALO COULEE	BAKKEN SAND	3 5	60	5	2 0	2 0	0 0	37 2	0 000	0 000	6	3 09	23 0	25 0	0 565	808	MISS	1953
CANTUAR EAST	CANTUAR SAND	915 8	90	3	799 5	569 3	230 2	37 4	0 000	0 000	1 635	4 40	24 3	42 4	0 599	960	CRET	1957
COSINE LAKE	LLOYDMINSTER SAND	170 7	66	5	107 0	92 5	14 5	34 4	4 121	0 018	483	2 92	30 0	35 0	0 600	770	CRET	1972
DEE VALLEY	WASECA SAND	75 4	70	5	50 1	0 0	50 1	37 2	0 000	0 000	663	1 50	30 0	30 0	0 597	460	CRET	1967
EPPING	SPARKY SAND	6 9	80	5	5 2	2 6	2 6	34 4	0 000	0 000	65	2 00	25 0	40 0	0 609	610	CRET	1987
EUREKA	VIKING SAND	13 5	80	5	10 3	9 8	0 5	40 7	0 178	0 001	70	2 01	22 4	35 0	0 622	689	CRET	1954
HOOSIER	BAKKEN SAND	203 8	90	5	174 2	160 5	13 7	37 9	25 281	0 164	480	3 05	25 0	36 0	0 576	852	MISS	1972
LASHBURN	WASECA SAND	16 8	80	5	12 8	3 1	9 7	34 4	0 000	0 000	64	4 51	25 0	30 0	0 592	498	CRET	1986
LONE ROCK	SPARKY SAND	0 3	70	5	0 2	0 2	0 0	34 4	0 000	0 000	4	2 00	20 0	50 0	0 600	560	CRET	1947
MANTARIO NORTH	BASAL MANNVILLE SAND	31 0	80	5	23 6	0 1	23 5	36 9	0 000	0 000	64	2 30	32 0	20 0	0 584	906	CRET	1994
MARSDEN SOUTH	SPARKY SAND	93 5	50	5	44 4	22 4	22 0	34 4	0 000	0 000	518	2 04	30 0	35 0	0 600	625	CRET	1979
NORTH HOOSIER	BAKKEN SAND	10 8	85	5	8 7	4 0	4 7	37 7	0 000	0 000	83	1 52	20 0	25 0	0 600	831	MISS	1980
NOTTINGHAM	ALIDA	304 3	90	5	260 2	0 0	260 2	45 0	0 000	0 000	354	6 10	16 7	34 0	0 700	1 061	MISS	1956
SEWARD	SUCCESS SAND	2 4	70	3	1 6	2 0	1 4	38 0	0 132	0 001	16	1 50	20 0	30 0	0 599	999	PRE-CRET	1996
SILVERDALE	SPARKY SAND	16 3	80	5	12 4	12 4	0 0	34 4	0 000	0 000	76	3 05	25 0	30 0	0 596	573	CRET	1965
SMILEY-DEWAR	VIKING SAND	15 8	85	5	12 8	11 9	0 9	38 3	0 000	0 000	65	2 29	25 5	32 0	0 608	694	CRET	1973
TANGLEFLAGS	SPARKY SAND	4 2	75	5	3 0	3 0	0 0	34 4	0 000	0 000	22	3 04	25 0	30 0	0 595	511	CRET	1969
WILLMAR NORTH	FROBISHER-ALIDA	20 3	80	5	15 4	13 6	1 8	45 0	1 008	0 003	48	6 00	12 0	50 0	0 700	1 205	MISS	1993
	TOTAL ASSOCIATED	**2,883.7**			**2,127.4**	**1,177.1**	**952.1**		**33.382**	**0.195**								

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/00	REMAINING RESERVES DEC 31/00	HEATING VALUE MJ/M^3	2000 PRODUCTION YEARLY TOTAL	2000 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	PRODUCING SYSTEM	DISCOVERY YEAR
					------- MILLION CUBIC METRES -------				--- MILLION M^3 ---									
DISSOLVED GAS RESERVES																		
	AREA I				285.2	148.4	136.8		12.438	0.034								
	AREA II				5,334.8	3,294.0	2,040.8		340.141	0.932								
	AREA III				1,434.6	838.0	596.6		119.326	0.327								
	AREA IV				10,783.7	7,668.3	3,115.4		311.536	0.854								
	TOTAL DISSOLVED				**17,838.3**	**11,948.7**	**5,889.6**		**783.441**	**2.147**								
	PROVINCIAL TOTALS	**276,674.4**			**208,084.5**	**130,169.6**	**77,916.8**		**7,412.064**	**24.694**								

OIL AND GAS UNITS

AND ENHANCED

RECOVERY PROJECTS

OIL AND GAS UNITS

AND ENHANCED

RECOVERY PROJECTS

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
AREA I					
ABERFELDY UNIT	HUSKY	SPARKY	12-1-62	5-1-66	WATERFLOOD (SUSPENDED)
					IN-SITU WET COMB. (SUSP.)
					STEAMFLOOD (SUSPENDED)
BEACON HILL MANNVILLE VOLUNTARY GAS UNIT	NEXEN CANADA	COLONY & MCLAREN	5-1-95	–	–
BIG GULLY VOLUNTARY UNIT NO. 1	HUSKY	WASECA & MCLAREN	10-1-70	1-1-71	WATERFLOOD (SUSPENDED)
GOLDEN LAKE VOLUNTARY UNIT,	PETROVERA	SPARKY & WASECA	1-1-71	6-1-91	WATERFLOOD (SUSPENDED)
GOLDEN LAKE SOUTH SPARKY VOLUNTARY UNIT NO. 1	PETROVERA	SPARKY	11-1-93	–	–
GOLDEN LAKE SOUTH VOLUNTARY UNIT	PETROVERA	WASECA	6-1-91	–	WATERFLOOD (SUSPENDED)
GULLY LAKE WASECA VOLUNTARY UNIT NO. 1	HUSKY	WASECA	8-1-71	–	WATERFLOOD
LASHBURN WASECA VOLUNTARY UNIT	HUSKY	WASECA	4-1-68	6-1-71	WATERFLOOD (SUSPENDED)
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	SPARKY	11-1-85	–	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2	NEXEN CANADA	SPARKY	7-1-89	9-1-92	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3	PENN WEST	SPARKY	4-1-90	–	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	NEXEN CANADA	SPARKY	7-1-97	–	WATERFLOOD
NORTH DULWICH SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	10-1-70	–	WATERFLOOD (SUSPENDED)
NORTHMINSTER SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	3-1-70	9-1-70	WATERFLOOD (SUSPENDED)
SOUTH ABERFELDY SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	6-1-69	5-1-70	WATERFLOOD (SUSPENDED)
SOUTH EPPING UNIT NO. 1	PETROVERA	SPARKY & G.P.	2-1-66	9-1-67	WATERFLOOD
SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	PETROVERA	SPARKY	1-1-72	7-1-73	WATERFLOOD
TANGLEFLAGS VOLUNTARY UNIT NO. 2	CAN. NATURAL	LLOYDMINSTER	3-1-81	–	WATERFLOOD
TANGLEFLAGS VOLUNTARY UNIT NO. 4	HUSKY	LLOYDMINSTER	1-1-91	–	WATERFLOOD (SUSPENDED)
AREA II					
AVON HILL VIKING VOLUNTARY UNIT	K-TOWN HOLDINGS	VIKING	8-1-85	–	WATERFLOOD (SUSPENDED)
BAYHURST VIKING VOLUNTARY GAS UNIT	TRANSGAS	VIKING	11-1-66	–	GAS STORAGE
BROCK VIKING SAND GAS UNIT	ISH ENERGY	VIKING	3-1-54	–	–
CACTUS LAKE VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5-1-88	–	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 2	NEXEN CANADA	BAKKEN	6-1-88	–	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 3	NEXEN CANADA	BAKKEN	7-1-00	–	WATERFLOOD
CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	12-1-93	–	SAGD PROCESS
COLEVILLE-SMILEY VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	7-1-55	4-1-72	–
COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT	PETROVERA	BAKKEN	3-1-88	8-1-97	WATERFLOOD
COURT BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5-1-88	1-1-94	WATERFLOOD
DODSLAND VIKING GAS VOLUNTARY UNIT	TRUE ENERGY	VIKING	11-1-67	1-1-70	–
EAGLE LAKE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	10-1-66	–	WATERFLOOD
EAST DODSLAND VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
GLENEATH UNIT	ENERPLUS	VIKING	6-1-66	10-1-67	WATERFLOOD
GLENEATH SOUTH VIKING VOLUNTARY UNIT	ISH ENERGY	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
HOOSIER BAKKEN SAND VOL. UNIT NO. 1	PENN WEST	BAKKEN	3-1-81	–	WATERFLOOD
HOOSIER VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	8-1-57	–	–
KIYIU LAKE VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	12-1-85	–	–
KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2	ACCLAIM ENERGY	VIKING	1-1-88	–	WATERFLOOD
LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	6-1-71	–	–
MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1	CONOCO CANADA	BASAL MANNVILLE	9-1-96	4-1-00	WATERFLOOD
MANTARIO NORTH BASAL MANNVILLE VOLUNTARY UNIT NO. 1	CONOCO CANADA	BASAL MANNVILLE	2-1-96	–	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	6-1-85	–	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2	ULTIMA VENTURES	VIKING	1-1-89	–	–
NORTH EUREKA UNIT	ULTIMA VENTURES	VIKING	9-1-65	12-1-71	WATERFLOOD
NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	PENN WEST	BAKKEN	7-1-70	8-1-73	WATERFLOOD

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/00 PROD.	ACTIVE WELLS 12/00 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/00 m3/DAY	UNIT NAME
						AREA I
MANNVILLE	INV. 9-SPOT & 5-SPOT	1	–	05-64	–	ABERFELDY UNIT
GLACIAL DRIFT	INV. 9-SPOT & 5-SPOT	–	–	07-69	–	
SURFACE WATER	INV. 9-SPOT	–	–	02-81	–	
	–	30	–	–	–	BEACON HILL MANNVILLE VOLUNTARY GAS UNIT
DINA	5-SPOT	15	–	10-70	–	BIG GULLY VOLUNTARY UNIT NO. 1
DINA	MOD. 9-SPOT	24	–	04-71	–	GOLDEN LAKE VOLUNTARY UNIT
	–	2	–	–	–	GOLDEN LAKE SOUTH SPARKY VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	60	–	01-92	–	GOLDEN LAKE SOUTH VOLUNTARY UNIT
DINA	INV. & MOD. 9-SPOT	2	–	07-71	–	GULLY LAKE WASECA VOLUNTARY UNIT NO. 1
DINA	5-SPOT	24	–	–	–	LASHBURN WASECA VOLUNTARY UNIT
DINA	INV. 9-SPOT	27	18	12-85	4 690	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1
DINA	INV. 5-SPOT	19	10	08-89	2 416	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2
DINA	INV. 5-SPOT	12	7	04-90	784	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3
DINA	PART. INV. 9-SPOT	11	2	03-97	182	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4
GLACIAL DRIFT	–	0	–	10-70	–	NORTH DULWICH SPARKY VOLUNTARY UNIT
DINA	5-SPOT	1	–	10-70	–	NORTHMINSTER SPARKY VOLUNTARY UNIT
DINA	5-SPOT	8	–	09-69	–	SOUTH ABERFELDY SPARKY VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	34	15	06-66	509	SOUTH EPPING UNIT NO. 1
DINA	INV. 9-SPOT	21	12	03-72	263	SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1
SURFACE WATER	INV. 9-SPOT	7	5	08-81	506	TANGLEFLAGS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PART. INV. 9-SPOT	9	–	04-91	–	TANGLEFLAGS VOLUNTARY UNIT NO. 4
						AREA II
–	–	57	–	12-85	–	AVON HILL VIKING VOLUNTARY UNIT
–	–	–	–	–	–	BAYHURST VIKING VOLUNTARY GAS UNIT
–	–	3	–	–	–	BROCK VIKING SAND GAS UNIT
RIBSTONE CREEK	INV. 9-SPOT	12	3	06-88	384	CACTUS LAKE VOLUNTARY UNIT NO. 1
RIBSTONE CREEK	INV. 9-SPOT	70	30	06-88	3 369	CACTUS LAKE VOLUNTARY UNIT NO. 2
RIBSTONE CREEK	INV. 9-SPOT	7	6	07-00	800	CACTUS LAKE VOLUNTARY UNIT NO. 3
RIBSTONE CREEK	N/A	36	–	04-97	–	CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1
–	–	40	–	–	–	COLEVILLE-SMILEY VIKING SAND GAS UNIT
BELLY RIVER	PERIPHERAL	85	22	01-88	1 655	COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT
RIBSTONE CREEK	INV. 9-SPOT	26	15	06-88	3 670	COURT BAKKEN SAND VOLUNTARY UNIT NO. 1
–	–	14	–	–	–	DODSLAND VIKING GAS VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	307	51	01-67	313	EAGLE LAKE VIKING VOLUNTARY UNIT
DEADWOOD	5-SPOT	179	–	10-85	–	EAST DODSLAND VIKING VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	155	47	10-66	294	GLENEATH UNIT
BELLY RIVER	INV. 9-SPOT	6	–	07-85	–	GLENEATH SOUTH VIKING VOLUNTARY UNIT
PRODUCED WATER	PERIPHERAL	6	2	01-75	399	HOOSIER BAKKEN SAND VOL. UNIT NO. 1
–	–	23	–	–	–	HOOSIER VIKING SAND GAS UNIT
–	–	58	–	–	–	KIYIU LAKE VIKING VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	31	11	03-86	24	KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2
–	–	5	–	–	–	LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT
BELLY RIVER	PERIPHERAL	13	3	01-97	401	MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	58	12	02-96	3 114	MANTARIO NORTH BASAL MANNVILLE VOLUNTARY UNIT NO. 1
DEADWOOD	INV. 9-SPOT	101	28	12-85	275	NORTH DODSLAND VIKING VOLUNTARY UNIT
–	–	22	–	–	–	NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2
BELLY RIVER	INV. 9-SPOT	62	6	03-63	162	NORTH EUREKA UNIT
RIBSTONE CREEK	LINE DRIVE	11	4	08-70	1 136	NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	FRASER	MANNVILLE	1-1-69	5-1-80	WATERFLOOD
NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	11-1-98	–	WATERFLOOD
PLATO VIKING VOLUNTARY UNIT NO. 1	RAMBO RESOURCES	VIKING	4-1-73	–	WATERFLOOD
PLOVER LAKE VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	7-1-93	–	–
SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1	VIKING HOLDINGS	VIKING	9-1-93	–	–
SOUTH EUREKA UNIT	ISH ENERGY	VIKING	4-1-65	9-1-71	WATERFLOOD
SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1	NEXEN CANADA	BAKKEN	4-1-89	–	–
SUPERB NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	6-1-97	–	–
TOTNES VIKING GAS VOLUNTARY UNIT NO. 1	ULTIMA VENTURES	VIKING	1-1-71	–	–
VERENDRYE VIKING VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	9-1-90	–	–
WEST BAYHURST VIKING GAS VOLUNTARY UNIT	PROFICO ENERGY	VIKING	2-1-72	–	–
WHITESIDE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	9-1-85	–	WATERFLOOD (SUSPENDED)
WHITESIDE VICTORIA VOLUNTARY GAS UNIT	HUSKY	VICTORIA	1-1-68	–	–
AREA III					
ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	PRIMEWEST	UPPER SHAUNAVON	3-1-75	–	WATERFLOOD
BATTRUM NORTH VOLUNTARY UNIT NO. 1	STAR OIL & GAS	ROSERAY	7-1-93	12-1-94	WATERFLOOD
BATTRUM UNIT NO. 1	EXXONMOBIL	ROSERAY	10-1-64	6-1-69	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 2	EXXONMOBIL	ROSERAY	7-1-97	–	IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 3	EXXONMOBIL	ROSERAY	6-1-88	–	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM UNIT NO. 4	CAN. NATURAL	ROSERAY	6-1-66	–	WATERFLOOD
BATTRUM VOLUNTARY UNIT NO. 5	CAN. NATURAL	ROSERAY	3-1-90	–	WATERFLOOD
BENCH VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	8-1-90	–	WATERFLOOD
BEVERLEY UNIT NO. 1	HUSKY	UPPER & LOWER ROSERAY	5-1-66	–	WATERFLOOD
BEVERLEY VOLUNTARY UNIT NO. 2	HUSKY	ROSERAY	6-1-88	–	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6-1-88	–	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3	RAMARRO	CANTUAR	7-1-99	–	WATERFLOOD
BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6-1-88	–	WATERFLOOD
BONE CREEK UNIT	HUSKY	UPPER SHAUNAVON	7-1-60	–	WATERFLOOD/POLYMER
BUTTE VOLUNTARY UNIT	HUSKY	UPPER SHAUNAVON	1-1-71	2-1-72	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	5-1-92	7-1-94	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 2	HUSKY	UPPER SHAUNAVON	6-1-93	9-1-95	WATERFLOOD
CANTUAR UNIT	HUSKY	CANTUAR & LOWER ROSERAY	10-1-59	–	WATERFLOOD
COVINGTON UNIT NO. 1	SHAWNEF	UPPER SHAUNAVON	7-1-69	–	WATERFLOOD
DELTA UNIT NO. 1	HUSKY	UPPER SHAUNAVON	4-1-66	6-1-69	WATERFLOOD
DELTA UNIT NO. 2	HUSKY	UPPER SHAUNAVON	8-1-69	–	WATERFLOOD
DELTA VOLUNTARY UNIT NO. 3	HUSKY	UPPER SHAUNAVON	12-1-86	–	WATERFLOOD
DOLLARD UNIT	TALISMAN	UPPER SHAUNAVON	9-1-55	7-1-72	WATERFLOOD
EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT	PRIMEWEST	CANTUAR	9-1-90	–	–
EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1	HUSKY	CANTUAR	8-1-78	–	–
EAST CANTUAR GAS UNIT	HUSKY	CANTUAR & ROSERAY	3-1-75	–	GAS STORAGE
EAST CANTUAR UNIT NO. 1	HUSKY	CANTUAR & ROSERAY	3-1-75	–	WATERFLOOD (CANTUAR & ROSERAY)
EAST CANTUAR UNIT NO. 2	HUSKY	ROSERAY & CANTUAR	3-1-75	–	WATERFLOOD (ROSERAY)
EAST DOLLARD VOLUNTARY UNIT	CANOR ENERGY	UPPER SHAUNAVON	10-1-70	–	WATERFLOOD
FOSTERTON MAIN UNIT	HUSKY	ROSERAY	7-1-58	–	WATERFLOOD

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/00 PROD.	ACTIVE WELLS 12/00 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/00 m3/DAY	UNIT NAME
LEA PARK	PERIPHERAL	15	7	12-66	1 163	NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT
BELLY RIVER	IRREGULAR	28	4	11-98	1 240	NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	40	1	01-73	3	PLATO VIKING VOLUNTARY UNIT NO. 1
–	–	13	–	–	–	PLOVER LAKE VOLUNTARY UNIT NO. 1
–	–	52	–	–	–	SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1
LEA PARK & BELLY RIVER	INV. 9-SPOT	78	20	09-73	121	SOUTH EUREKA UNIT
–	–	1	–	–	–	SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1
–	–	0	–	–	–	SUPERB NORTH VOLUNTARY UNIT NO. 1
–	–	2	–	–	–	TOTNES VIKING GAS VOLUNTARY UNIT NO. 1
–	–	1	–	–	–	VERENDRYE VIKING VOLUNTARY GAS UNIT
–	–	1	–	–	–	WEST BAYHURST VIKING GAS VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	33	–	05-55	–	WHITESIDE VIKING VOLUNTARY UNIT
–	–	2	–	–	–	WHITESIDE VICTORIA VOLUNTARY GAS UNIT
						AREA III
ROSERAY	–	10	2	10-76	92	ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	15	3	08-93	1 431	BATTRUM NORTH VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL	59	21	03-62	5 569	BATTRUM UNIT NO. 1
–	–		13	10-66		
–	–	15	3	11-65	1 476	BATTRUM VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	23	6	12-66	910	BATTRUM UNIT NO. 3
–	–		4	08-67		
MANNVILLE	INV. 9-SPOT	11	9	08-66	2 022	BATTRUM UNIT NO. 4
MANNVILLE	–	1	1	05-90	193	BATTRUM VOLUNTARY UNIT NO. 5
MADISON	PERIPHERAL	4	3	09-90	60	BENCH VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	15	3	01-66	1 481	BEVERLEY UNIT NO. 1
MANNVILLE	PERIPHERAL	15	3	06-88	1 889	BEVERLEY VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	22	10	06-88	229	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1
ROSERAY	PERIPHERAL	7	1	09-99	4	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	24	6	06-88	272	BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & INV. 9-SPOT	21	14	05-60	1 159	BONE CREEK UNIT
ROSERAY	INV. 9-SPOT	32	9	11-70	538	BUTTE VOLUNTARY UNIT
MADISON	INV. 9-SPOT	16	10	08-92	322	BUTTE WEST VOLUNTARY UNIT NO. 1
MADISON	INV. 9-SPOT	10	5	08-93	465	BUTTE WEST VOLUNTARY UNIT NO. 2
BELLY RIVER	PERIPHERAL	140	32	08-60	26 645	CANTUAR UNIT
ROSERAY SAND	–	5	1	11-68	140	COVINGTON UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	14	10	12-65	1 214	DELTA UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	6	4	10-69	166	DELTA UNIT NO. 2
BELLY RIVER	PERIPHERAL	4	1	07-87	139	DELTA VOLUNTARY UNIT NO. 3
VIKING, BELLY RIVER & MANNVILLE	SEMI-PERIPHERAL	48	20	03-56	4 973	DOLLARD UNIT
–	–	14	–	–	–	EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT
–	–	0	–	–	–	EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1
–	–	–	–	–	–	EAST CANTUAR GAS UNIT
MANNVILLE	–	21	6	03-69	1 339	EAST CANTUAR UNIT NO. 1
MANNVILLE	–	12	4	01-78	751	EAST CANTUAR UNIT NO. 2
BELLY RIVER	PERIPHERAL	8	3	10-70	746	EAST DOLLARD VOLUNTARY UNIT
MANNVILLE	LINE DRIVE	29	10	06-56	11 068	FOSTERTON MAIN UNIT

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
FOSTERTON N.W. UNIT	LIBERTY OIL & GAS	ROSERAY	7-1-58	9-1-70	WATERFLOOD IN-SITU WET COMB. (SUSP.)
GARDEN HEAD VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	6-1-94	–	WATERFLOOD
GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	5-1-72	–	WATERFLOOD
GULL LAKE NORTH SHAUNAVON POOL UNIT	HUSKY	UPPER SHAUNAVON	10-1-58	–	WATERFLOOD
GULL LAKE SOUTH VOLUNTARY UNIT NO. 1	ATHENA RESOURCES	UPPER SHAUNAVON	7-1-86	–	WATERFLOOD
GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	5-1-72	–	WATERFLOOD
HAZLET UNIT	LIBERTY OIL & GAS	ROSERAY	8-1-66	–	WATERFLOOD
ILLERBRUN VOLUNTARY UNIT	HUSKY	UPPER SHAUNAVON	11-1-66	5-1-67	WATERFLOOD
INSTOW UNIT	TALISMAN	UPPER SHAUNAVON	10-1-59	–	WATERFLOOD
INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	MEOTA RESOURCES	UPPER SHAUNAVON	5-1-85	–	WATERFLOOD
JOHNSTON UNIT	HUSKY	BASAL CANTUAR UPPER SHAUNAVON	1-1-63	–	WATERFLOOD (BASAL CANTUAR)
LETCHVILLE SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	SHAUNAVON	1-1-68	4-1-96	WATERFLOOD
NORTH PREMIER UNIT NO. 1	PRIMEWEST	ROSERAY & UPPER SHAUNAVON	10-1-64	–	WATERFLOOD (ROSERAY)
NORTH PREMIER UNIT NO. 2	HUSKY	PREMIER SAND	7-1-66	–	WATERFLOOD
NORTH PREMIER VOLUNTARY UNIT NO. 4	HUSKY	ROSERAY & UPPER SHAUNAVON	9-1-80	–	WATERFLOOD
NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	UPPER SHAUNAVON	11-1-72	–	WATERFLOOD
NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT	PURCELL ENERGY	UPPER SHAUNAVON	2-1-68	5-1-68	WATERFLOOD
PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	HUSKY	UPPER SHAUNAVON	6-1-88	–	WATERFLOOD
RAPDAN UNIT	TALISMAN	UPPER SHAUNAVON	11-1-62	7-1-65	WATERFLOOD (POLYMER)
RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2	CANYON CREEK	UPPER SHAUNAVON	4-1-74	–	WATERFLOOD (SUSPENDED)
SOUTHWEST SUCCESS VOLUNTARY UNIT	SPITFIRE EXPL.	ROSERAY & CANTUAR	4-1-83	–	–
SUCCESS UNIT	HUSKY	ROSERAY & FOSTERTON	12-1-57	–	WATERFLOOD
SUCCESS ALPHA UNIT	HUSKY	ROSERAY	7-1-60	–	WATERFLOOD
SUCCESS MAIN UNIT	HUSKY	CANTUAR, ROSERAY & FOSTERTON	9-1-62	–	WATERFLOOD (ROSERAY)
SUCCESS NORTH ROSERAY VOLUNTARY UNIT	NATIONAL FUEL	ROSERAY	4-1-84	–	WATERFLOOD
SUFFIELD UNIT NO. 1	HUSKY	ROSERAY	7-1-66	4-1-72	WATERFLOOD
SUFFIELD UNIT NO. 2	HUSKY	UPPER SHAUNAVON	9-1-70	–	WATERFLOOD
SUFFIELD UNIT NO. 3	HUSKY	ROSERAY & UPPER SHAUNAVON	6-1-71	4-1-72	WATERFLOOD
VERLO ROSERAY SAND UNIT	HUSKY	ROSERAY	9-1-70	10-1-72	WATERFLOOD
WEST FOSTERTON VOLUNTARY UNIT	HUSKY	ROSERAY	3-1-67	–	WATERFLOOD
AREA IV					
ALAMEDA CENTRAL UNIT	KINWEST	MIDALE	12-1-62	6-1-69	WATERFLOOD
ALAMEDA EAST UNIT	CAN. NATURAL	MIDALE	8-1-62	9-1-65	WATERFLOOD
ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	1-1-91	–	WATERFLOOD
ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1	ATHENA RESOURCES	MIDALE	12-1-84	–	WATERFLOOD
ALIDA UNIT	NAL RESOURCES	ALIDA	12-1-57	–	–
BENDER TILSTON VOLUNTARY UNIT NO. 1	NATIONAL FUEL	TILSTON	8-1-93	–	–
BENSON UNIT	TALISMAN	MIDALE	2-1-65	9-1-67	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1	NORTHROCK	MIDALE	11-1-67	6-1-68	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2	SUMMIT	MIDALE	12-1-89	–	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3	ARC (SASK)	MIDALE	10-1-93	–	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4	UPTON	MIDALE	9-1-94	–	WATERFLOOD
CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	1-1-72	–	–
CARNDUFF SOUTH MIDALE VOLUNTARY UNIT NO. 1	HUSKY	MIDALE	1-1-85	–	WATERFLOOD

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/00 PROD.	ACTIVE WELLS 12/00 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/00 m3/DAY	UNIT NAME
BELLY RIVER	–	4	2	03-57	550	FOSTERTON N.W. UNIT
–	–	–	–	03-70	–	
MADISON	INV. 5-SPOT	15	8	06-94	844	GARDEN HEAD VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & MOD. 9-SPOT	2	0	06-70	0	GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	–	27	5	08-56	1 076	GULL LAKE NORTH SHAUNAVON POOL UNIT
ROSERAY SAND	–	5	1	06-88	3	GULL LAKE SOUTH VOLUNTARY UNIT NO. 1
BELLY RIVER	–	2	0	05-72	0	GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	3	07-70	2 801	HAZLET UNIT
BELLY RIVER	–	6	2	04-66	840	ILLERBRUN VOLUNTARY UNIT
BELLY RIVER & RAVENSCRAG	PERIPHERAL	70	19	12-57	6 404	INSTOW UNIT
BELLY RIVER	–	16	5	12-85	450	INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT
SURFACE WATER	–	0	–	03-33	–	JOHNSTON UNIT
BELLY RIVER	–	19	7	07-64	67	LEITCHVILLE SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	7	3	07-64	1 166	NORTH PREMIER UNIT NO. 1
MANNVILLE	–	0	–	06-67	–	NORTH PREMIER UNIT NO. 2
MANNVILLE	PERIPHERAL	29	15	02-65	3 208	NORTH PREMIER VOLUNTARY UNIT NO. 4
MANNVILLE	–	7	1	02-73	33	NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	–	11	1	07-68	9	NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	3	1	06-88	108	PENNANT UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	49	31	11-62	1 665	RAPDAN UNIT
BELLY RIVER	PARTIAL 5-SPOT	6	1	04-74	44	RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	10	2	10-80	1 325	SOUTHWEST SUCCESS VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	18	11	08-58	8 403	SUCCESS UNIT
MANNVILLE	–	3	2	09-60	579	SUCCESS ALPHA UNIT
MANNVILLE	PERIPHERAL	12	5	09-56	2 528	SUCCESS MAIN UNIT
MANNVILLE	PERIPHERAL	17	3	06-82	979	SUCCESS NORTH ROSERAY VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	7	2	05-66	1 322	SUFFIELD UNIT NO. 1
BELLY RIVER	–	23	4	07-70	1 076	SUFFIELD UNIT NO. 2
BELLY RIVER	PERIPHERAL	13	8	06-70	1 506	SUFFIELD UNIT NO. 3
MANNVILLE	PERIPHERAL	21	11	06-65	9 476	VERLO ROSERAY SAND UNIT
BELLY RIVER & MANNVILLE	PERIPHERAL	6	3	04-67	1 941	WEST FOSTERTON VOLUNTARY UNIT
						AREA IV
MANNVILLE	INV. 9-SPOT	11	3	03-60	84	ALAMEDA CENTRAL UNIT
MANNVILLE	INV. 9-SPOT	42	15	12-62	624	ALAMEDA EAST UNIT
PRODUCED WATER	INV. 9-SPOT	9	2	03-91	11	ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	4	3	12-84	66	ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1
–	–	58	–	–	–	ALIDA UNIT
–	–	2	–	–	–	BENDER TILSTON VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	47	11	11-64	360	BENSON UNIT
MANNVILLE	INV. 9-SPOT	24	9	11-67	340	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	7	1	12-89	36	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	INV. 9-SPOT	7	1	11-93	48	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	–	4	1	10-94	27	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4
–	–	2	–	–	–	CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	4	1	08-85	25	CARNDUFF SOUTH MIDALE VOLUNTARY UNIT

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
CARNDUFF VOLUNTARY UNIT NO. 1	CAN. NATURAL	MIDALE	12-1-70	–	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 2	ZARGON	MIDALE	10-1-90	–	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 3	ZARGON	MIDALE	2-1-93	–	WATERFLOOD
CULLEN UNIT	APF ENERGY	MIDALE	10-1-65	5-1-66	–
DOUGLASTON-FROBISHER BEDS UNIT	TALISMAN	FROBISHER	6-1-64	–	–
DOUGLASTON-MIDALE BEDS UNIT	TALISMAN	MIDALE	6-1-64	10-1-67	WATERFLOOD
EAST CARNDUFF UNIT	HUSKY	MIDALE	5-1-62	11-1-65	WATERFLOOD
ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	FROBISHER	12-1-69	–	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	6-1-90	–	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2	NEXEN CANADA	MIDALE	9-1-91	12-1-00	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	PENN WEST	RATCLIFFE	8-1-68	9-1-69	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	POSTELL	RATCLIFFE	11-1-89	–	WATERFLOOD
FLETWODE ALIDA VOLUNTARY UNIT	TALISMAN	ALIDA	10-1-68	5-1-93	–
FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	SILVER BAY	RATCLIFFE	6-1-88	7-1-90	WATERFLOOD
GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	TUNDRA	FROBISHER-ALIDA	11-1-72	–	WATERFLOOD (FROBISHER)
GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	ATHENA RES.	FROBISHER	6-1-90	–	WATERFLOOD
GLEN EWEN UNIT	ARC (SASK)	MIDALE	4-1-63	–	WATERFLOOD
HASTINGS FROBISHER UNIT	NEXEN CANADA	FROBISHER	7-1-71	–	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	1-1-70	–	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2	ENERMARK	FROBISHER	10-1-70	–	WATERFLOOD
HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1	NORTHROCK	BAKKEN	6-1-88	–	WATERFLOOD
HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1	NORTHROCK	BIRDBEAR	12-1-68	–	–
HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	NORTHROCK	RATCLIFFE	12-1-68	–	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1	NEXEN CANADA	MIDALE	2-1-74	–	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	DUCE OIL	MIDALE	12-1-87	–	WATERFLOOD
HUNTOON NORTH FROBISHER BEDS VOLUNTARY UNIT NO. 1	ELK POINT	FROBISHER	7-1-96	–	–
INGOLDSBY MISSION CANYON VOLUNTARY UNIT	NEXEN CANADA	ALIDA	9-1-66	–	–
INGOLDSBY NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	ALIDA	9-1-95	–	–
INGOLDSBY WEST VOLUNTARY UNIT NO. 1	PROVIDENT	FROBISHER-ALIDA	7-1-94	–	–
KENOSEE TILSTON BEDS VOLUNTARY UNIT	PEMOCO LTD.	TILSTON	9-1-69	6-1-95	–
KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	NORTHROCK	FROBISHER-ALIDA	6-1-94	–	–
KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1	PROGRESS ENERGY	UPPER HASTINGS	4-1-74	–	–
LAKE ALMA VOLUNTARY UNIT	PENN WEST	RATCLIFFE	4-1-69	–	WATERFLOOD
LAMPMAN UNIT	CAN. NATURAL	MIDALE	3-1-64	10-1-67	WATERFLOOD
LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1-1-71	–	–
LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	MIDALE	3-1-93	7-1-96	WATERFLOOD
MACOUN MIDALE VOLUNTARY UNIT NO. 1	KINWEST	MIDALE	7-1-94	–	WATERFLOOD
MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1	BAYTEX ENERGY	L. WATROUS-ALIDA	5-1-96	4-1-00	WATERFLOOD
MIDALE UNIT	APACHE CANADA	MIDALE	8-1-62	9-1-67	WATERFLOOD & CO2
MIDALE RED RIVER VOLUNTARY UNIT NO. 1	ANADARKO	RED RIVER	10-1-97	–	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 1	COMSTATE	MIDALE	7-1-87	–	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 2	NEXEN CANADA	MIDALE	8-1-89	–	WATERFLOOD
MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1	JAVA ENERGY	TILSTON	11-1-95	–	–
NORTH ALAMEDA UNIT	KINWEST	MIDALE	5-1-63	–	WATERFLOOD
NORTH CANTAL UNIT	NEXEN CANADA	ALIDA	1-1-66	4-1-69	–
NORTH CENTRAL WILLMAR VOLUNTARY UNIT	STAR OIL & GAS	FROBISHER-ALIDA	3-1-76	–	WATERFLOOD
NORTH DALESBORO UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	12-1-70	–	WATERFLOOD
NORTHGATE MIDALE VOLUNTARY UNIT	SILVER BAY	MIDALE	1-1-84	5-1-90	WATERFLOOD
NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1	KINWEST	ALIDA	11-1-93	–	–
NORTHWEST BENSON MIDALE VOLUNTARY UNIT	ATHENA RES.	MIDALE	2-1-85	–	WATERFLOOD (SUSPENDED)
NOTTINGHAM NORTH ALIDA BEDS UNIT	NAL RESOURCES	ALIDA	10-1-60	–	–
OUNGRE VOLUNTARY UNIT NO. 1	ARC (SASK)	OUNGRE	1-1-68	12-1-69	WATERFLOOD

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/00 PROD.	ACTIVE WELLS 12/00 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/00 m3/DAY	UNIT NAME
RAVENSCRAG	–	6	2	05-71	30	CARNDUFF VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	3	2	10-90	101	CARNDUFF MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	2	0	03-93	0	CARNDUFF MIDALE BEDS VOLUNTARY UNIT NO. 3
–	–	7	–	–	–	CULLEN UNIT
–	–	1	–	–	–	DOUGLASTON-FROBISHER BEDS UNIT
MANNVILLE	LINE DRIVE	7	8	06-64	216	DOUGLASTON-MIDALE BEDS UNIT
MANNVILLE	INV. 9-SPOT	50	15	07-62	1 173	EAST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	29	5	11-70	543	ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	4	1	07-90	29	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	11	5	09-91	363	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE & VIKING	INV. 9-SPOT	32	12	10-68	279	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
RAVENSCRAG	INV. 9-SPOT	4	1	12-89	7	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2
–	–	5	–	–	–	FLETWODE ALIDA VOLUNTARY UNIT
VIKING	PERIPHERAL	56	9	06-88	650	FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	–	7	1	08-73	108	GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	3	2	10-90	11	GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	20	1	10-83	107	GLEN EWEN UNIT
MANNVILLE	INV. 9-SPOT	9	2	10-67	255	HASTINGS FROBISHER UNIT
MANNVILLE	PERIPHERAL	17	6	11-66	488	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT & PERIPHERAL	1	0	11-66	0	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	2	2	06-96	52	HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1
–	–	3	–	–	–	HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1
MANNVILLE	–	13	6	12-67	698	HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	–	10	2	09-74	297	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	3	0	12-87	0	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2
–	–	4	–	–	–	HUNTOON NORTH FROBISHER BEDS VOLUNTARY UNIT NO. 1
–	–	46	–	–	–	INGOLDSBY MISSION CANYON VOLUNTARY UNIT
–	–	2	–	–	–	INGOLDSBY NORTH VOLUNTARY UNIT NO. 1
–	–	0	–	–	–	INGOLDSBY WEST VOLUNTARY UNIT NO. 1
–	–	26	–	–	–	KENOSEE TILSTON BEDS VOLUNTARY UNIT
–	–	7	–	–	–	KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
–	–	7	–	–	–	KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	3	06-70	428	LAKE ALMA VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	4	1	04-64	4	LAMPMAN UNIT
–	–	33	–	–	–	LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1
PRODUCED WATER	PERIPHERAL	43	10	06-97	1 777	LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	4	1	07-94	21	MACOUN MIDALE VOLUNTARY UNIT NO. 1
PRODUCED WATER	HZNTL. INJECTOR	3	2	05-96	316	MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	245	42	08-60	7 808	MIDALE UNIT
PRODUCED WATER	PERIPHERAL	5	2	10-97	199	MIDALE RED RIVER VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	1	08-87	23	MIDALE SOUTH VOLUNTARY UNIT NO. 1
MANNVILLE	IRREGULAR	7	7	08-89	225	MIDALE SOUTH VOLUNTARY UNIT NO. 2
–	–	3	–	–	–	MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	5	1	12-59	40	NORTH ALAMEDA UNIT
–	–	9	–	–	–	NORTH CANTAL UNIT
MANNVILLE	INV. 9-SPOT	8	1	11-76	176	NORTH CENTRAL WILLMAR VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	3	2	02-71	247	NORTH DALESBORO UNIT NO. 1
MANNVILLE	INV. 9-SPOT	12	0	07-84	0	NORTHGATE MIDALE VOLUNTARY UNIT
–	–	2	–	–	–	NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	5	–	09-85	–	NORTHWEST BENSON MIDALE VOLUNTARY UNIT
–	–	43	–	–	–	NOTTINGHAM NORTH ALIDA BEDS UNIT
MANNVILLE	INV. 9-SPOT	55	12	12-66	524	OUNGRE VOLUNTARY UNIT NO. 1

OIL AND GAS UNITS — ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	UNIT EFFECTIVE DATE	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1	STAR OIL & GAS	SOURIS VALLEY	9-1-97	–	–
PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1	SUMMIT	TILSTON-SOURIS V.	7-1-94	–	–
PINTO VOLUNTARY UNIT NO. 2	KENWOOD	MIDALE	11-1-91	–	WATERFLOOD
QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT	JEDI	KISBEY SAND	7-1-69	–	–
RALPH MIDALE BEDS VOLUNTARY UNIT	MIDALE	MIDALE	10-1-87	11-1-00	WATERFLOOD
RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	5-1-92	–	WATERFLOOD
ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1	REAL RESOURCES	BAKKEN	11-1-88	–	WATERFLOOD
ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	PROGRESS ENERGY	BAKKEN	11-1-97	–	WATERFLOOD
ROSEBANK FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	7-1-71	–	–
ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1	NCE RESOURCES	ALIDA	9-1-92	–	–
SOUTH ALAMEDA UNIT	PROGRESS ENERGY	MIDALE	10-1-65	–	WATERFLOOD
SOUTH MACOUN WINNIPEGOSIS VOL. UNIT NO. 1	EDGE ENERGY	WINNIPEGOSIS	11-1-92	–	WATERFLOOD
SOUTH PINTO UNIT	BONTERRA	MIDALE	2-1-65	10-1-66	WATERFLOOD
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	10-1-70	–	–
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2	GRAND BOW	FROBISHER	9-1-91	–	–
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1	CAN. NATURAL	MIDALE	5-1-83	–	WATERFLOOD
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2	CAN. NATURAL	MIDALE	10-1-85	–	WATERFLOOD
STEELMAN UNIT NO. IA	CAN. NATURAL	MIDALE	7-1-61	4-1-69	WATERFLOOD
STEELMAN UNIT NO. II	NEXEN CANADA	MIDALE	7-1-61	–	WATERFLOOD
STEELMAN UNIT NO. III	NEXEN CANADA	MIDALE	7-1-61	–	WATERFLOOD
STEELMAN UNIT NO. IV	CAN. NATURAL	MIDALE	7-1-61	4-1-69	WATERFLOOD
STEELMAN UNIT NO. V	CAN. NATURAL	MIDALE	7-1-61	7-1-65	WATERFLOOD
STEELMAN UNIT NO. VI	CAN. NATURAL	MIDALE	7-1-61	9-1-68	WATERFLOOD
STEELMAN UNIT NO. VII	PROGRESS ENERGY	MIDALE	6-1-62	–	WATERFLOOD
STEELMAN VOLUNTARY UNIT NO. 8	ZARGON	MIDALE & FROBISHER	10-1-93	–	WATERFLOOD
STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	ANADARKO	WINNIPEGOSIS	3-1-96	–	WATERFLOOD
STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	ARC (SASK)	ALIDA	11-1-97	–	WATERFLOOD
TABLELAND VOLUNTARY UNIT NO. 1	DUCE OIL LTD.	WINNIPEGOSIS	6-1-88	–	WATERFLOOD
VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2	GAUNTLET ENERGY	FROBISHER	2-1-94	–	–
VIEWFIELD VOLUNTARY UNIT NO. 1	COMSTATE	FROBISHER	5-1-74	–	WATERFLOOD (SUSPENDED)
WEST CARNDUFF UNIT	HUSKY	MIDALE	1-1-61	5-1-62	WATERFLOOD
WEYBURN UNIT	PANCANADIAN	MIDALE	7-1-63	3-1-71	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2	CEDAR ENERGY	MIDALE	9-1-87	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3	MIDALE	MIDALE	1-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4	MIDALE	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5	NEXEN CANADA	MIDALE	1-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6	ARC (SASK)	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7	MIDALE	MIDALE	6-1-88	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8	ARC (SASK)	MIDALE	6-1-89	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9	ZARGON	MIDALE	6-1-90	–	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10	EL PASO	MIDALE	11-1-96	–	WATERFLOOD
WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1-1-68	6-1-88	WATERFLOOD
WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1	OILTEC	FROBISHER-ALIDA	12-1-93	–	WATERFLOOD
WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1	POSTELL	FROBISHER	4-1-67	–	WATERFLOOD
WORKMAN FROBISHER VOLUNTARY UNIT NO. 2	POSTELL	FROBISHER	11-1-90	6-1-00	–
WORKMAN-MIDALE VOLUNTARY UNIT NO. 1	POSTELL	MIDALE	4-1-68	–	WATERFLOOD
WORKMAN-MIDALE VOLUNTARY UNIT NO. 2	POSTELL	MIDALE	5-1-68	–	WATERFLOOD
WORKMAN VOLUNTARY UNIT NO. 3	KINWEST	FROBISHER	9-1-96	1-1-00	WATERFLOOD

OIL AND GAS UNITS – ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS 12/00 PROD.	ACTIVE WELLS 12/00 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, 12/00 m3/DAY	UNIT NAME
–	–	31	–	–	–	PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1
–	–	6	–	–	–	PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	33	1	12-91	26	PINTO VOLUNTARY UNIT NO. 2
–	–	2	–	–	–	QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	12	3	10-87	59	RALPH MIDALE BEDS VOLUNTARY UNIT
PRODUCED WATER	INV. 9-SPOT	7	2	08-92	28	RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	2	06-88	48	ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1
SOURIS VALLEY	PERIPHERAL	16	6	07-97	137	ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2
–	–	46	–	–	–	ROSEBANK FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1
–	–	7	–	–	–	ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	12	3	02-63	32	SOUTH ALAMEDA UNIT
MANNVILLE	PERIPHERAL	5	1	11-92	393	SOUTH MACOUN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	14	0	02-65	0	SOUTH PINTO UNIT
–	–	4	–	–	–	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1
–	–	–	–	–	–	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	11	2	09-83	116	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	11	0	12-86	0	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	87	34	09-58	1 351	STEELMAN UNIT NO. IA
MANNVILLE	INV. 9-SPOT	69	13	02-62	2 614	STEELMAN UNIT NO. II
MANNVILLE	INV. 9-SPOT	59	16	01-62	1 457	STEELMAN UNIT NO. III
MANNVILLE	INV. 9-SPOT	85	32	02-62	1 055	STEELMAN UNIT NO. IV
MANNVILLE	INV. 9-SPOT	23	9	02-62	162	STEELMAN UNIT NO. V
MANNVILLE	INV. 9-SPOT	86	38	02-62	2 045	STEELMAN UNIT NO. VI
MANNVILLE	INV. 9-SPOT	10	2	10-62	28	STEELMAN UNIT NO. VII
MANNVILLE	INV. 9-SPOT	7	2	12-93	126	STEELMAN VOLUNTARY UNIT NO. 8
MANNVILLE	PERIPHERAL	5	2	04-96	327	STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
PRODUCED WATER	LINE DRIVE	8	6	12-97	162	STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1
RAVENSCRAG	PERIPHERAL	3	1	06-88	79	TABLELAND VOLUNTARY UNIT NO. 1
–	–	5	–	–	–	VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	4	–	11-86	–	VIEWFIELD VOLUNTARY UNIT NO.1
MANNVILLE	INV. 9-SPOT	21	9	05-61	1 014	WEST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	621	153	04-64	22 291	WEYBURN UNIT
PRODUCED WATER	INV. 9-SPOT	1	0	03-88	0	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 5-SPOT	2	1	05-88	24	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	6	3	06-88	70	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4
MANNVILLE	INV. 9-SPOT	11	6	06-88	189	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5
MANNVILLE	INV. 9-SPOT	5	1	06-88	40	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6
MANNVILLE	INV. 9-SPOT	9	4	06-88	73	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7
MANNVILLE	INV. 9-SPOT	2	1	06-89	44	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8
PRODUCED WATER	PERIPHERAL	3	1	08-90	26	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9
MANNVILLE	PERIPHERAL	9	1	12-96	212	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10
MANNVILLE	INV. 9-SPOT	28	7	02-68	543	WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	4	1	12-93	63	WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	26	6	06-67	367	WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	16	1	07-92	83	WORKMAN FROBISHER VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	3	1	04-68	25	WORKMAN-MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	5	1	09-68	83	WORKMAN-MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	21	4	03-00	278	WORKMAN VOLUNTARY UNIT NO. 3

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
AREA I				
Bolney Colony Sand	Husky Oil Operations	Colony Sand	10-Jan-96	31-Mar-00
SAGD Process	Surface Water	N/A	Mar-96	PM1024
Celtic G.P. Sand	ExxonMobil Canada	G.P. Sand	06-Feb-96	28-Oct-97
SAGD Process	Surface Water	N/A	Jun-96	PM1030
Edam Waseca Sand (and Sparky Sand)	Marathon Canada	Waseca, Sparky	22-Aug-96	07-Aug-97
SAGD Process (Suspended)	Surface Water	N/A	Sep-96	PM1071
Evesham North Mannville Sands	Talisman Energy	Sparky, McLaren	08-Apr-99	
Waterflood	Produced Water	Inv. 9-Spot	Jul-01	PM1267
Eyehill North Sparky Sand	Husky Oil Operations	Sparky Sand	28-Feb-92	
Waterflood	Produced Water	Peripheral	Apr-92	PM816
Macklin Sparky Sand	Petrovera Resources	Sparky Sand	26-May-88	07-Nov-00
Waterflood	Produced Water	Inv. 9-Spot	Jun-88	PM685
Manito Lake Sparky Sand	Petrovera Resources	Sparky Sand	24-Jun-92	29-Sep-93
Waterflood	Produced Water	Peripheral	Jun-92	PM829
Neilburg McLaren Sand	Baytex Energy	McLaren Sand	11-Apr-94	
Pilot Waterflood	Produced Water	Inv. 5-Spot	Jun-95	PM903
Pikes Peak Waseca Sand	Husky Oil Operations	Waseca Sand	10-Jun-81	13-Dec-00
Steamflood/Steam Stimulation	Surface Water	N/A	Jul-81	PM537
Salt Lake Lloydminster Sand	Husky Oil Operations	Lloydminster Sand	13-Jun-88	30-Jul-99
Waterflood	Mannville	Line Drive	Jun-88	PM690
Senlac Cummings/Dina Sand	PanCanadian	Cummings/Dina	26-May-95	02-Mar-98
SAGD Process	Belly River	N/A	Mar-96	PM969
Senlac Lloydminster Sand	Nexen Canada	Lloydminster Sand	23-Mar-88	19-Jul-00
Waterflood	Mannville	Irregular	Jul-88	PM670
Silverdale Sparky Sand	Shenandoah Resources	Sparky Sand	27-Jun-84	07-Feb-96
Water Alternating Gas	Sparky Sand	N/A	Dec-85	PM561
Tangleflags North Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	21-Jul-87	04-Aug-00
Steamflood/Horizontal Wells	Surface Water	N/A	Jun-88	PM645
Tangleflags Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	07-May-96	22-Nov-96
SAGD Process	Surface Water	N/A	Feb-97	PM968
AREA II				
Buffalo Coulee Bakken Sand	Petrovera Resources	Bakken Sand	28-Nov-69	12-Sep-00
Waterflood	Belly River	Inv. 9-Spot	Jul-69	PM522
Buffalo Coulee Bakken Sand	Acclaim Energy	Bakken Sand	23-Nov-79	11-Dec-96
Waterflood	Belly River	Inv. 9-Spot	Aug-80	PM521
Buffalo Coulee North Bakken Sand	Nexen Canada	Bakken Sand	28-Jun-88	02-Nov-00
Waterflood	Belly River	Inv. 9-Spot	Jun-88	PM695
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	14-Oct-94	
SAGD Process	Ribstone Creek	N/A	Jan-95	PM823

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	24-Oct-94	
SAGD Process	Ribstone Creek	N/A	Mar-95	PM938
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	25-Nov-99	
Pilot Waterflood	Produced Water	Peripheral	Dec-00	PM1289
Coleville Bakken	Petrovera Resources	Bakken Sand	18-Dec-58	06-Nov-97
Waterflood	Belly River	Inv. 5 & 9-Spot	Jan-59	PM37
Court Bakken Sand	Nexen Canada	Bakken Sand	21-Dec-95	17-Jul-00
Waterflood	Ribstone Creek	Peripheral	Jan-96	PM1016
Court Bakken Sand	Nexen Canada	Bakken Sand	18-Aug-98	02-May-00
Waterflood	Ribstone Creek	Inv. 9-Spot	Oct-98	PM1247
Court South Bakken Sand	Anadarko Canada	Bakken Sand	26-Sep-95	16-Jan-98
Waterflood	Ribstone Creek	Inv. 7-Spot	Feb-96	PM996
Dodsland Viking Sand	Ultima Ventures	Viking Sand	11-Jul-96	
Waterflood	Belly River	Inv. 9-Spot	Nov-96	PM1066
Dodsland Viking Sand	Meota Resources	Viking Sand	04-Dec-85	
Waterflood	B. River & Deadwood	Inv. 9-Spot	Oct-87	PM622
Dodsland Viking Sand	Enerplus Resources	Viking Sand	21-Oct-97	
Waterflood	Belly River	Part. Inv. 15-Spot	Dec-97	PM1186
Hearts Hill Bakken Sand	Husky Oil Operations	Bakken Sand	02-Nov-89	
Waterflood (Suspended)	Produced Water	Peripheral	Jun-88	PM724
Hearts Hill Bakken Sand	Petrovera Resources	Bakken Sand	01-Dec-97	
Waterflood	Produced Water	Peripheral	Apr-98	PM1082
Kerrobert Mannville Sand	Conoco Canada	Waseca Sand	28-Apr-97	04-Dec-01
SAGD Process	Belly River	N/A	Aug-97	PM1131
Kerrobert Viking Sand	NCE Resources	Viking Sand	03-Dec-85	13-Oct-88
Waterflood	Duperow	Inv. 5-Spot	Mar-86	PM620
Luseland Bakken Sand	Nexen Canada	Bakken Sand	30-Jun-89	
Pilot Waterflood	Produced Water	Inv. 9-Spot	Aug-89	PM715
Mantario East Basal Mannville Sand	Conoco Canada	Basal Mannville	27-May-98	
Waterflood	Belly River/Viking	Peripheral	Jun-98	PM1242
Mantario North Basal Mannville Sand	Conoco Canada	Basal Mannville	11-Apr-97	16-Feb-00
Waterflood	Belly River/Viking	Peripheral	Jul-97	PM1127
Marengo South Basal Mannville Sand	Conoco Canada	Basal Mannville	12-Nov-93	29-Jun-00
Waterflood	Belly River	Inv. 9-Spot	Feb-93	PM843
Marengo South Basal Mannville Sand	Nexen Canada	Basal Mannville	03-Jul-96	16-Dec-98
Pilot Waterflood	Prod. Water & Belly R.	Peripheral	May-97	PM1064
North Hoosier Basal Mannville Sand	Baytex Energy	Basal Mannville	30-Apr-99	26-May-00
Waterflood	Produced Water	Irregular	Feb-99	PM1269
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	29-Aug-90	15-Aug-97
Steamflood/Horiz. Wells	Ribstone Creek	N/A	Feb-90	PM757
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	02-Nov-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-01	PM1346

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Smiley-Dewar Viking	Imperial Oil	Viking Sand	22-Sep-61	21-Nov-95
Waterflood	Belly River	Inv. 9-Spot	Feb-62	PM152
Verendrye Viking Sand	ISH Energy	Viking Sand	09-Jan-96	01-Oct-97
Pilot Waterflood	Produced Water	Peripheral	Feb-96	PM1022
AREA III				
Antelope Cantuar Sand	Husky Oil Operations	Cantuar Sand	02-Jul-97	
Waterflood	Roseray	Peripheral	Sep-96	PM1150
Antelope Lake North Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Mar-96	
Waterflood	Mannville	Peripheral	Apr-96	PM1041
Antelope Lake North Roseray Sand	Husky Oil Operations	Roseray Sand	16-Feb-96	15-Jun-99
Waterflood	Mannville	Peripheral	Mar-96	PM1031
Antelope Lake Roseray Sand	PrimeWest Energy	Roseray Sand	30-Nov-98	09-Nov-99
Waterflood	Produced Water	Peripheral	Feb-98	PM1257
Antelope Lake South Roseray Sand	Husky Oil Operations	Roseray Sand	05-Aug-99	
Waterflood	Produced Water	Peripheral	Feb-96	PM1271
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Apr-95	
Pilot Waterflood	Madison	Inv. 5-Spot	Aug-95	PM958
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	12-Mar-96	03-Oct-97
Waterflood	Madison	Inv. 9-Spot	May-96	PM1034
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	25-Oct-99	
Waterflood	Produced Water	Inv. 5-Spot	Sep-99	PM1272
Bone Creek West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	19-Oct-00	30-Nov-00
Waterflood	Produced Water	Peripheral	Feb-01	PM1344
Butte Shaunavon	Husky Oil Operations	Shaunavon	14-Sep-00	
Waterflood	Source Water	Peripheral	Sep-00	PM1339
Butte Upper Shaunavon	Meota Resources	Upper Shaunavon	24-Jul-96	06-Jul-99
Waterflood	Prod. Water & Belly R.	Inv. 9-Spot	Feb-97	PM1069
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	02-May-96	19-Jul-96
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-96	PM1052
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Nov-97	09-Feb-00
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1199
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	23-Dec-97	23-Aug-99
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1212
Butte Upper Shaunavon	Regent Resources	Upper Shaunavon	25-Oct-99	27-Oct-00
Waterflood	Produced Water	Inv. 5-Spot	Jan-00	PM1276
Butte West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Sep-93	
Waterflood	Madison	Peripheral	Oct-94	PM876
Cantuar East Lower Shaunavon	Apache Canada	Lower Shaunavon	20-Aug-97	22-Dec-99
Waterflood	Produced Water	Peripheral	Sep-99	PM1166

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Cantuar East Lower Shaunavon	Ramarro Resources	Lower Shaunavon	11-Jul-00	13-Sep-00
Waterflood	Prod. Water & Judith R.	Peripheral	Sep-00	PM1327
Chambery Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Mar-97	
Waterflood	Mannville	Peripheral	May-97	PM1046
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	08-Jul-96	19-Feb-98
Waterflood	Madison	Inv. 9-Spot	Oct-96	PM1028
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	22-Oct-97	06-Oct-00
Waterflood	Madison	Inv. 9-Spot	Oct-97	PM1181
Gardenhead South Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	17-Feb-95	06-Dec-00
Waterflood	Madison	Peripheral	Mar-95	PM944
Gull Lake Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	03-Jul-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-97	PM1151
Gull Lake Roseray Sand	Husky Oil Operations	Roseray Sand	29-May-96	
Waterflood	Produced Water	Peripheral	Aug-96	PM1057
Java Cantuar Sand	Husky Oil Operations	Cantuar Sand	27-Jun-84	
Waterflood	Mannville	Peripheral	Jul-84	PM562
Java North Cantuar Sand	Husky Oil Operations	Cantuar Sand	22-Oct-97	02-Sep-99
Waterflood	Roseray Sand	Peripheral	Dec-97	PM1187
Java West Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Apr-00	
Waterflood	Produced Water	Peripheral	Jun-00	PM1311
North Premier Upper Shaunavon	Meota Resources	Upper Shaunavon	02-Jun-94	25-Jun-99
Waterflood	Mannville	Peripheral	Sep-94	PM913
Rapdan South Upper Shaunavon	PrimeWest Energy	Upper Shaunavon	26-Jul-93	
Waterflood	Produced Water	Inv. 5-Spot	Feb-94	PM869
Seward Cantuar Sand	Apache Canada	Cantuar Sand	23-Jun-99	
Waterflood	Mannville	Inv. 9-Spot	Sep-99	PM1270
Suffield Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	16-Mar-98	
Waterflood	Produced Water	Inv. 9-Spot	Apr-98	PM1139
Suffield Roseray Sand	Husky Oil Operations	Roseray Sand	29-Sep-95	11-May-00
Waterflood	Belly River	Peripheral	Mar-96	PM997
Suffield West Cantuar Sand	Husky Oil Operations	Cantuar Sand	09-Mar-00	
Waterflood	Mannville	Inv. 5-Spot	Jul-00	PM1304
Webb Cantuar Sand	Husky Oil Operations	Cantuar Sand	29-Apr-96	15-Nov-99
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-96	PM1051
Webb South Cantuar Sand	Husky Oil Operations	Cantuar Sand	03-Jun-96	04-May-00
Waterflood	Roseray Sand	Peripheral	Jul-96	PM1058
Webb West Cantuar Sand	Husky Oil Operations	Cantuar Sand	28-Nov-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-98	PM1176
Whitemud Shaunavon	Husky Oil Operations	Shaunavon	23-May-95	06-Feb-97
Waterflood	Mannville	Inv. 9-Spot	Jun-95	PM956

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
AREA IV				
Benson East Midale Beds	Provident Energy	Midale Beds	23-Sep-87	
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM652
Bryant Midale Beds	Duce Oil Ltd.	Midale Beds	17-Feb-94	
Waterflood	Mannville	Inv. 9-Spot	Sep-94	PM896
Clarilaw Frobisher-Alida Beds	Progress Energy Ltd.	Frobisher-Alida Beds	06-Sep-96	
Waterflood	Produced Water	Peripheral	Jan-97	PM1077
Elswick Midale Beds	Numac Energy Inc.	Midale Beds	10-Jun-87	11-Oct-00
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM644
Elswick Midale Beds	Numac Energy Inc.	Midale Beds	20-Jan-98	
Waterflood	Mannville	Peripheral	Feb-98	PM1222
Glen Ewen Frobisher Beds	Nexen Canada	Frobisher Beds	26-Feb-93	
Waterflood	Produced Water	Peripheral	Sep-93	PM853
Hummingbird South Bakken Sand	Northrock Resources	Bakken Sand	16-Apr-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1232
Hummingbird South Ratcliffe Beds	Northrock Resources	Ratcliffe Beds	04-Mar-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1233
Red Jacket Sand	Husky Oil Operations	Red Jacket Sand	03-Feb-98	
Waterflood	Produced Water	Peripheral	Dec-97	PM1227
Roncott Bakken Sand	Cannon Oil & Gas	Bakken Sand	07-Mar-95	
Pilot Waterflood	Mannville	Peripheral	Jul-95	PM954
Tatagwa North Midale Beds	Tappit Resources Ltd.	Midale Beds	08-Apr-93	
Waterflood	Produced Water	Irregular	Apr-93	PM857
Tatagwa North Midale Beds	Startech Energy	Midale Beds	07-Sep-00	17-Jan-01
Waterflood	Produced Water	Irregular	Oct-00	PM1336
Tyvan Red River	National Fuel Gas Co.	Red River	27-Apr-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-00	PM1314
Weyburn Midale Beds	Nexen Canada	Midale Beds	13-Jun-88	
Waterflood	Mannville	Inv. 9-Spot	Jun-88	PM689
Weyburn Midale Beds	El Paso Velvet Expl.	Midale Beds	16-Oct-96	
Waterflood	Mannville	Peripheral	Dec-96	PM1085
Weyburn Midale Beds	Richland Petroleum	Midale Beds	17-May-96	
Waterflood	Produced Water	Peripheral	Feb-97	PM1055
Weyburn Midale Beds	Nexen Canada	Midale Beds	08-Dec-00	
Waterflood	Produced Water	Irregular	Dec-00	PM1360
Willmar Frobisher-Alida Beds	Upton	Frobisher-Alida Beds	18-May-00	
Waterflood	Produced Water	Peripheral	Dec-01	PM1319

Note: SAGD = Steam Assisted Gravity Drainage

DEVELOPMENT DATA

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
ABERFELDY G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
ABERFELDY SPARKY SAND	SOLUTION GAS DRIVE WATER DRIVE PART. GAS CAP DRIVE	WATERFLOOD IN: 1: ABERFELDY UNIT (SUSPENDED) 2: SOUTH ABERFELDY SPARKY VOL. UNIT (SUSPENDED) IN-SITU WET COMBUSTION IN: ABERFELDY UNIT (SUSPENDED) STEAMFLOOD IN: ABERFELDY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: A: TWP 49, RGE 26, SEC: NW 1/4 OF 4, N 1/2 OF 5, 8, 9, W 1/2 OF 10, SW 1/4 OF 15, 16, 17, E 1/2 & NW 1/4 OF 18, 20, 21, 28, 29; TWP 48, RGE 27, SEC: N 1/2 OF 35, NW 1/4 OF 36; TWP 49, RGE 27, SEC: 1, 2, 11, 12; WHERE:
			1	NW 1/4 OF LSD; B: TWP 49, RGE 27, SEC: 14, 15, NE 1/4 OF 16, E 1/2 OF 21, 22, 23, 27, 28, 33, 34; WHERE:
			1	NE 1/4 OF LSD.
ALAMEDA EAST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 4, RGE 2, SEC: 10, NW 1/4 OF 11, S 1/2 & NE 1/4 OF 15; WHERE:
			2	ODD NUMBERED LSD.
ALAMEDA MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: ALAMEDA CENTRAL UNIT 2: ALAMEDA EAST UNIT 3: NORTH ALAMEDA UNIT 4: SOUTH ALAMEDA UNIT 5: ALAMEDA MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ALAMEDA WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ALAMEDA WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ALAMEDA WEST VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ALIDA EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 33, SEC: 26, 27, 28, S 1/2 OF 33, S 1/2 & NW 1/4 OF 34; TWP 6, RGE 33, SEC: SW 1/4 OF 3; WHERE:
			2	EVEN NUMBERED LSD.
ALIDA NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ALIDA WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ALSASK BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 29, RGE 29, SEC: NW 1/4 OF 10, W 1/2 OF 15, SW 1/4 OF 22; WHERE: SEE POOL REGULATIONS CONCERNING PARTIAL LEGAL SUBDIVISIONS.
AMULET RATCLIFFE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ANTELOPE CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
ANTELOPE LAKE EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
ANTELOPE LAKE NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
ANTELOPE LAKE NORTH SUCCESS-ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
ANTELOPE LAKE ROSERAY SAND	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
ANTELOPE LAKE SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS.
ANTELOPE LAKE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD.
ARCOLA FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ARCOLA NORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
ARCOLA SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
ASHLEY LAKE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
AUBURNTON FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
AVON HILL VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: AVON HILL VIKING VOL. UNIT (SUSP)	1	CENTER OF LSD.
BALDWINTON SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 44, RGE 23, SEC: E 1/2 OF 7, 8; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BATTLE CREEK MADISON	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
BATTLE CREEK SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
BATTLE CREEK UPPER SHAUNAVON	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
BATTRUM EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BATTRUM NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
BATTRUM ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	IN-SITU WET COMBUSTION IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM UNIT NO. 2 3: BATTRUM VOL. UNIT NO. 3 WATERFLOOD IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM VOL. UNIT NO. 3 3: BATTRUM UNIT NO. 4 4: BATTRUM VOL. UNIT NO. 5	1	CENTER OF LSD, EXCEPT: A: TWP 18, RGE 16, SEC: 30; TWP 18, RGE 17, SEC: 25, 26, E 1/2 OF 27, NE 1/4 OF 33, 34, 35, SE 1/4 & W 1/2 OF 36; WHERE: EVEN NUMBERED LSD;
			2	B: TWP 19, RGE 17, SEC: 1, S 1/2 OF 2; WHERE:
			2	ODD NUMBERED LSD.
BELLEGARDE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
BEMERSYDE RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
BENCH SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
BENCH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BENCH VOL. UNIT NO.1	2	ODD NUMBERED LSD.
BENDER CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BENDER SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENDER TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENNETT LAKE ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENSON EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
BENSON FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BENSON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: BENSON UNIT 2: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1 3: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2 4: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3 5: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4 6: NORTHWEST BENSON MIDALE VOLUNTARY UNIT	2	ODD NUMBERED LSD.
BEVERLEY CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY CANTUAR VOL. UNIT NO. 1 BEVERLEY CANTUAR VOL. UNIT NO. 3	2	EVEN NUMBERED LSD.
BEVERLEY EAST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: EAST BEVERLEY (JAVA) CANTUAR VOL. UNIT	2	ODD NUMBERED LSD.
BEVERLEY NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
BEVERLEY ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1. BEVERLEY UNIT NO. 1 2. BEVERLEY VOL. UNIT NO. 2	1	CENTER OF LSD.
BIENFAIT MIDALE BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BIG GULLY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
BIG GULLY MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1	NW 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE:
			1	NE 1/4 OF LSD.
BIG GULLY NORTH LLOYD. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
BIG GULLY WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1	NW 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE:
			1	NE 1/4 OF LSD.
BIG MARSH LAKE TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BOLNEY COLONY SAND	SOLUTION GAS DRIVE	SAGD	1	SE 1/4 OF LSD.
BONE CREEK UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BONE CREEK UNIT	2	EVEN NUMBERED LSD, EXCEPT: TWP 11, RGE 19, SEC: W 1/2 OF 2, 3, E 1/2 OF 4; WHERE:
			2	ODD NUMBERED LSD.
BONE CREEK WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BURROWS RED JACKET SAND	WATER DRIVE	NONE	1	CENTER OF LSD.
BUTTE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
BROMHEAD EAST RED RIVER	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BROMHEAD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
BROUGH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BROWNING FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
BROWNING NORTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BROWNING SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BRYANT FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	4	NW LSD OF 1/4 SECTION, EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE:
			2	ODD NUMBERED LSD.
BRYANT MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	4	NW LSD OF 1/4 SECTION, EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE:
			2	ODD NUMBERED LSD.
BUFFALO COULEE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2	NE & SW 1/4 OF LSD.
BUFFALO COULEE N. BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SW 1/4 OF LSD.
BUFFALO HEAD BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
BUFFALO HEAD FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
BUTTE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BUTTE VOLUNTARY UNIT	2	ODD NUMBERED LSD.
BUTTE WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. BUTTE WEST VOL. UNIT NO. 1 2. BUTTE WEST VOL. UNIT NO. 2	2	ODD NUMBERED LSD, EXCEPT: A: TWP 12, RGE 19, SEC: NW 1/4 OF 27, 34; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 12, RGE 19, SEC: LSDS 3 & 4 OF 17, LSDS 9, 10, 15 & 16 OF 29, LSDS 7, 8, 15 & 16 OF 32; WHERE:
			1	CENTER OF LSD.
BUZZARD LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
BUZZARD NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
BUZZARD NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CACTUS LAKE BASAL MANNVILLE-BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: CACTUS LAKE VOL. UNIT NO. 1 2: CACTUS LAKE VOL. UNIT NO. 2 3: CACTUS LAKE VOL. UNIT NO. 3	1	SE 1/4 OF LSD.
CACTUS LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
CACTUS LAKE NORTH MCLAREN SAND	PARTIAL WATER DRIVE	STEAMFLOOD, SAGD PROJECT, PILOT WATERFLOOD	1	SE 1/4 OF LSD.
CANTAL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CANTAL SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
CANTUAR EAST CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: EAST CANTUAR UNIT NO. 1 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR EAST LOWER SHAUNAVON	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
CANTUAR EAST ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1: EAST CANTUAR UNIT NO. 1 2: EAST CANTUAR UNIT NO. 2 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR ROSERAY SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR MAIN CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
CARLYLE ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CARLYLE SOUTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
CARNDUFF FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: W 1/2 OF 5, 8; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, E 1/2 OF 10, 11, W 1/2 OF 12, W 1/2 OF 14, E 1/2 OF 15; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4, 9, W 1/2 OF 10, W 1/2 OF 15, 16; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
CARNDUFF MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEST CARNDUFF UNIT 2: EAST CARNDUFF UNIT 3: CARNDUFF VOL. UNIT NO. 1 4: CARNDUFF VOL. UNIT NO. 2 5: CARNDUFF VOL. UNIT NO. 3 6: CARNDUFF S. MIDALE VOL UNIT	2	ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: NE 1/4 & W 1/2 OF 4, 5, 6, 7, 8, 9, 16, 17, S 1/2 OF 18; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, 11, 12, S 1/2 OF 13; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: NW 1/4 OF 17, W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
CARRUTHERS CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
CELTIC G.P. SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 22, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 22, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 22, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD.
CELTIC WASECA SAND	SOLUTION GAS DRIVE	PILOT INTERMITTENT STEAM INJECTION (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 22, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:
			1/2	NW & SE 1/4 OF LSD

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
CEYLON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
CHAMBERY UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
CLARILAW EAST FROBISHER ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CLARILAW FROBISHER ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
CLARILAW WEST FROBISHER ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CLINTONVILLE SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
COLEVILLE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2	NE & SW 1/4 OF LSD.
COLEVILLE MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD.
COLEVILLE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: COLEVILLE S. BAKKEN VOL. UNIT	1/2	NE & SW 1/4 OF LSD. EXCEPT: TWP 31, RGE 23, SEC: 31, N 1/2 OF 32; WHERE:
			1/2	SE & NW 1/4 OF LSD.
COLEVILLE SOUTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD.
COLEVILLE SOUTH SUCCESS	PARTIAL WATER DRIVE	NONE	1	NE 1/4 OF LSD. EXCEPT: TWP 31, RGE 23, SEC: LSD 2 OF 24; WHERE:
			1/2	NE & SW 1/4 OF LSD.
COLEVILLE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COLGATE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
COOTHILL RED JACKET SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
CORNING TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CORNING WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
COSINE LAKE LLOYDMINSTER SAND	GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 37, RGE 28, SEC: LSDS 4,5,12 & 13 OF 7, LSDS 4,5,12 & 13 OF 18, LSDS 4,5,12 & 13 OF 19; TWP 37, RGE 29, SEC: LSDS 1,8,9 & 16 OF 12, LSDS 1,8,9 & 16 OF 13, LSDS 1,8,9 & 16 OF 24; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
COURT BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: COURT BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD.
COURT NORTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COURT SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
COURT WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
COVINGTON SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
COVINGTON UPPER SHAUNAVON	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: COVINGTON UNIT NO. 1	2	EVEN NUMBERED LSD.
COVINGTON WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
COYOTE LAKE TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
CREELMAN ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD. EXCEPT: TWP 10, RGE 9, SEC: N 1/2 OF 7; WHERE:
			1	CENTER OF LSD.
CRYSTAL HILL SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: TWP 10, RGE 1, SEC: 18 & 19; TWP 10, RGE 2, SEC: NE 1/4 OF 13, E 1/2 OF 24; WHERE:
			1	CENTER OF LSD.
DAHINDA MADISON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
DALESBORO FROBISHER ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
DALESBORO NORTH FROBISHER ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
DEE VALLEY EAST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
DEE VALLEY WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DELTA UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DELTA UNIT NO. 1 2: DELTA UNIT NO. 2 3: DELTA VOL. UNIT NO. 3	2	EVEN NUMBERED LSD.
DELTA WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
DIVIDE MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
DODSLAND VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: EAGLE LAKE VIKING VOLUNTARY UNIT 2: EAST DODSLAND VOL. UNIT 3: GLENEATH SOUTH VOL. UNIT 4: GLENEATH UNIT 5: KIYIU LAKE VOLUNTARY UNIT 6: KIYIU LAKE VOL. UNIT NO. 2 7: NORTH DODSLAND VOL. UNIT	1	CENTER OF LSD.
DOLLARD LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION, EXCEPT: TWP 7, RGE 19, SEC: NW 1/4 OF 29; WHERE:
			2	ODD NUMBERED LSD.
DOLLARD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DOLLARD UNIT 2: EAST DOLLARD VOLUNTARY UNIT	1	CENTER OF LSD, EXCEPT: TWP 7, RGE 19, SEC: LSDS 13 & 14 OF 16, LSDS 13 TO 16 OF 17, 18, LSDS 1 TO 4 OF 19, LSDS 1 TO 4 OF 20, LSDS 3 & 4 OF 21; WHERE:
			2	ODD NUMBERED LSD.
DRUID MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
DULWICH EAST G.P. SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH EAST REX SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH DULWICH VOLUNTARY UNIT (SUSPENDED)	1/2	NE & SW 1/4 OF LSD.
DULWICH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
EAR LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EASTBROOK SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
EASTEND SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 19, SEC: 5, 6, 7, 8, W 1/2 OF 18; TWP 6, RGE 20, SEC: E 1/2 OF 1; WHERE:
			4	NW LSD IN 1/4 SECTION.
EDAM NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
EDAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 19, SEC: E 1/2 & LSDS 3, 4, 6, 11 & 14 OF 8, SW 1/4 OF 9, 15, 16, SW 1/4 OF 17, 22, W 1/2 OF 27, 28, 29 33; TWP 49, RGE 19, SEC: S 1/2 & NW 1/4 & LSDS 9, 10, & 15 OF 4, 6; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 20, SEC: LSD 11 & S 1/2 LSD 14 OF 30; WHERE:
			1/4	CENTER OF DRAINAGE UNIT.
EDAM WEST SPARKY/G.P. SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDAM WEST WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDENVALE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
EDENVALE TILSTON BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ELCOTT EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
ELMORE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELSWICK EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 2	2	ODD NUMBERED LSD.
ELSWICK MIDALE BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ELSWICK SOUTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
EPPING G.P. SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SOUTH EPPING UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: A: TWP 47, RGE 27, SEC: W 1/2 OF 17, 18, 19, 20, S 1/2 & NW 1/4 OF 29, 30, S 1/2 & NW 1/4 OF 31, SW 1/4 OF 32; TWP 46, RGE 28, SEC: E 1/2 OF 35, SW 1/4 OF 36; TWP 47, RGE 28, SEC: N 1/2 OF 25, 35, 36; WHERE: 1/2 NW & SE 1/4 OF LSD; B: TWP 47, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 14, LSDS 1, 8, 9 & 16 OF 15, LSDS 1, 8, 9 & 16 OF 22, LSDS 4, 5, 12 & 13 OF 26, LSDS 1, 8, 9 & 16 OF 27, LSDS 1, 8, 9 & 16 OF 34, LSDS 4, 5, 12 & 13 OF 35; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EPPING MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE EPPING G.P. SAND POOL.
EPPING SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EPPING SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SOUTH EPPING UNIT NO. 1 2: SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: SEE EPPING G.P. SAND POOL.
ERMINE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EUREKA VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH EUREKA UNIT 2: SOUTH EUREKA UNIT	1	CENTER OF LSD.
EVESHAM NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EYEHILL CUMMINGS-DINA SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	PILOT IN-SITU DRY COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD.
EYEHILL NORTH CUMMINGS SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 40, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EYEHILL NORTH SPARKY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD	1	SE 1/4 OF LSD, EXCEPT: TWP 40, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
FERTILE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FERTILE TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FLAT LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1 FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	2 2	EVEN NUMBERED LSD, EXCEPT: A: TWP 1, RGE 16, SEC: N 1/2 OF 21; WHERE: ODD NUMBERED LSD; B: TWP 1, RGE 16, SEC: S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3, S 1/2 OF 5, S 1/2 OF 6; WHERE: WELLS LOCATED A MINIMUM DISTANCE OF 1600 FEET FROM U.S. BORDER.
FLINTON TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
FLORENCE FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 1, RGE 34, SEC: W 1/2 OF 32, TWP 2, RGE 34, SEC: W 1/2 OF 5, W 1/2 OF 8; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
FOREST BANK MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: A: TWP 48, RGE 24, SEC: 32; TWP 49, RGE 24, SEC: 6; WHERE: SE 1/4 OF LSD; B: TWP 49, RGE 24, SEC: 7, 18; TWP 49, RGE 25, SEC: 12, 13; WHERE: NE 1/4 OF LSD.
FOREST BANK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE FOREST BANK MANNVILLE SANDS.
FOREST BANK WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE FOREST BANK MANNVILLE SANDS.
FORGAN VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FORGAN WEST VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FOSTERTON ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: FOSTERTON MAIN UNIT 2: FOSTERTON NORTHWEST UNIT (SUSPENDED) 3: WEST FOSTERTON VOLUNTARY UNIT IN-SITU WET COMBUSTION IN: FOSTERTON NORTHWEST UNIT	1 1	CENTER OF LSD, EXCEPT: TWP 16, RGE 18, SEC: 35, W 1/2 OF 36; TWP 17, RGE 18, SEC: 1, 2, 3, 10, 11, 12, S 1/2 & NW 1/4 OF 13, 14, 15; WHERE: SW 1/4 OF LSD.
FOSTERTON SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FOSTERTON SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FREDA LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
FREEMONT MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SOUTH COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 45, RGE 24, SEC: E 1/2 & LSDS 3, 6, 11 & 14 OF 11; WHERE: NW & SE 1/4 OF LSD.
FREEMONT WASECA SAND	SOLUTION GAS DRIVE	NONE	1 1/4	SE 1/4 OF LSD, EXCEPT: TWP 44, RGE 24, SEC: E 1/2 OF 26, LSDS 1, 2, 7, 8, 9 & 10 OF 35; WHERE: CENTER OF EACH 1/4 LSD.
FREEMONT WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREESTONE FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2 1	ODD NUMBERED LSD, EXCEPT: TWP 9, RGE 6, SEC: W 1/2 OF 7, W 1/2 OF 17, 18,19, W 1/2 OF 20; TWP 9, RGE 7, SEC: 11, 12, 13; WHERE: CENTER OF LSD.
FREMANTLE LOWER WATROUS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
FROUDE RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	SPACING REGULATIONS * TARGET AREA
FRYS EAST TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 7, RGE 30, SEC: LSDS 10 & 11 OF 33; WHERE:
			2	CENTER OF DRAINAGE UNIT.
FRYS TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FURNESS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD.
FUSILIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD.
FUSILIER NORTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
GAINSBOROUGH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	1	CENTER OF LSD, EXCEPT: A: TWP 2, RGE 30, SEC: E 1/2 OF 21, W 1/2 & NE 1/4 OF 22, N 1/2 OF 23, NW 1/4 OF 24, 25, 26, E 1/2 OF 27, E 1/2 OF 34, S 1/2 & NW 1/4 OF 35; WHERE:
			2	ODD NUMBERED LSD; B: TWP 3, RGE 30, SEC: 1, 2, E 1/2 OF 11, SW 1/4 OF 12; WHERE:
			2	EVEN NUMBERED LSD.
GAINSBOROUGH NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
GAINSBOROUGH WEST FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
GARDENHEAD SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
GARDENHEAD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GARDEN HEAD VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
GLEN EWEN FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD	2	ODD NUMBERED LSD, EXCEPT: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 3 TO 5 INCLUSIVE; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
GLEN EWEN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GLEN EWEN UNIT	2	ODD NUMBERED LSD, EXCEPT: A: TWP 2, RGE 1, SEC: N 1/2 OF 26, 32, S 1/2 OF 33, S 1/2 & NW 1/4 OF 34, SE 1/4 OF 35; TWP 3, RGE 1, SEC: NW 1/4 OF 8, N 1/2 OF 10, N 1/2 OF 11, NE 1/4 OF 12, S 1/2 OF 13, W 1/2 OF 15, SE 1/4 OF 16, W 1/2 & NE 1/4 OF 20, W 1/2 OF 22; WHERE:
			4	SE LSD OF 1/4 SECTION; B: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 1 TO 5 INCLUSIVE; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
GOLDEN LAKE NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 23, SEC: 19, 29, 30, E 1/2 & SW 1/4 OF 31, 32; TWP 48, RGE 24, SEC: NE 1/4 OF 24, SE 1/4 OF 25; WHERE:
			1	SW 1/4 OF LSD.
GOLDEN LAKE NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
GOLDEN LAKE NORTH WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL.
GOLDEN LAKE SOUTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
GOLDEN LAKE SOUTH SPARKY SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD.
GOLDEN LAKE SOUTH WASECA SAND	SOLUTION GAS DRIVE	TWO IN-SITU WET COMBUSTION PILOT PROJECTS (SUSPENDED) WATERFLOOD IN: GOLDEN LAKE SOUTH VOL. UNIT (SUSPENDED)	1	SE 1/4 OF LSD.
GRIFFIN FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
GRIFFIN NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
GULL LAKE BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: JOHNSTON UNIT 2: GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
GULL LAKE CENTRAL UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1	2	SE 1/4 OF EVEN LSD.
GULL LAKE NORTH BASAL CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
GULL LAKE NORTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE N. SHAUNAVON UNIT	1	SE 1/4 OF LSD.
GULL LAKE ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
GULL LAKE SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN GULL LAKE SOUTH VOLUNTARY UNIT NO. 1	2	EVEN NUMBERED LSD.
GULLY LAKE WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GULLY LAKE WASECA VOL. UNIT	1	SE 1/4 OF LSD.
HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 10, RGE 6, SEC: NW 1/4 OF 17, 18, 19, 20; WHERE:
			2	ODD NUMBERED LSD.
HARTAVEN FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
HARTAVEN WINNIPEG SAND	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
HASTINGS EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
HASTINGS FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: HASTINGS FROBISHER UNIT 2: HASTINGS VOLUNTARY UNIT NO. 1 3: HASTINGS VOLUNTARY UNIT NO. 2	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: SE 1/4 & N 1/2 OF 10, 15, N 1/2 OF 16, 21, 22, S 1/2 OF 27, S 1/2 OF 28, LSDS 13,14 & NE 1/4 OF 31; TWP 4, RGE 33, SEC: LSDS 1,2,5,6 & N 1/2 OF 6, S 1/2 OF 7; TWP 3, RGE 34, SEC: 22, W 1/2 OF 26, 27, 34, SW 1/4 OF 35; TWP 4, RGE 34, SEC: LSDS 13,14 & NE 1/4 OF 1, 3, N 1/2 OF 10, LSDS 5,6,7,8 & N 1/2 OF 11, LSDS 9,10 & S 1/2 OF 12, LSDS 1,2 & W 1/2 OF 14, N 1/2 & SW 1/4 OF 15, S 1/2 & NE 1/4 OF 22, LSDS 3 & 4 OF 23; TWP 3, RGE 1, SEC: NE 1/4 OF 24, 25, 36; TWP 4, RGE 1, SEC: S 1/2 OF 1, LSDS 7,8 & N 1/2 OF 12, LSDS 11,12, NE 1/4 & S 1/2 OF 13, LSDS 7 & 8 OF 14, SE 1/4 OF 24; WHERE:
			1	CENTER OF LSD; B: TWP 3, RGE 34, SEC: 21, 28, 33; TWP 4, RGE 34, SEC: 4, E 1/2 OF 9, SW 1/4 OF 10, 16, E 1/2 OF 21, NW 1/4 OF 22, W 1/2 OF 27, 28, 33, W 1/2 OF 34; TWP 5, RGE 34, SEC: W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS.
HASTINGS NORTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 9, SE 1/4 OF 16; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS.
HASTINGS WEST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
HAZELWOOD CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: A: TWP 11, RGE 4, SEC: N 1/2 OF 7, SW 1/4 & LSDS 9, 10 11 & 12 OF 17, 18, S 1/2 OF 19; TWP 11, RGE 5, SEC: NE 1/4 OF 13, WHERE:
			2	EVEN NUMBERED LSD; B: TWP 11, RGE 5, SEC: W 1/2 OF 13, N 1/2 OF 14, NE 1/4 OF 15, 23, 24; WHERE:
			2	ODD NUMBERED LSD.
HAZELWOOD SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 11, RGE 5, SEC: E 1/2 OF 12, SE 1/4 OF 13; WHERE:
			2	EVEN NUMBERED LSD.
HAZELWOOD TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
HAZELWOOD WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HAZLET ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: HAZLET UNIT	1	CENTER OF LSD.
HEARTS HILL BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
HEWARD FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HEWARD SOUTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HILLMOND G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
HILLMOND SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
HILLMOND SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
HITCHCOCK WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: TWP 3, RGE 9, SEC: NW 1/4 OF 25, SE 1/4 OF 35; WHERE:
			2	ODD NUMBERED LSD.
HOFFER RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD, EXCEPT: A: TWP 1, RGE 14, SEC: W 1/2 OF 30, SW 1/4 OF 31; TWP 1, RGE 15, SEC: 25 TO 27, S 1/2 OF 32, S 1/2 OF 33, 34, 35, S 1/2 OF 36; WHERE:
			2	EVEN NUMBERED LSD; B: TWP 1, RGE 15, SEC: 30; TWP 1, RGE 16, SEC: E 1/2 OF 25; WHERE:
			2	ODD NUMBERED LSD.
HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: HOOSIER BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD, EXCEPT: TWP 31, RGE 26, SEC: 6, 7, S 1/2 & NW 1/4 OF 18; TWP 31, RGE 27, SEC: 1, 2, 11 TO 14, 23, W 1/2 OF 24, W 1/2 OF 25, 26, E 1/2 OF 27; WHERE:
			1	CENTER OF LSD.
HUME FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 12, SEC: W 1/2 OF 29, E 1/2 OF 30; WHERE:
			1	CENTER OF LSD.
HUME MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
HUMMINGBIRD BAKKEN SAND	WATER DRIVE	WATERFLOOD IN: HUMMINGBIRD BAKKEN SAND VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
HUMMINGBIRD BIRDBEAR	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
HUMMINGBIRD RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
HUMMINGBIRD SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
HUMMINGBIRD SOUTH RATCLIFFE	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
HUNTOON FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 8, SEC: N 1/2 OF 7, W 1/2 OF 18; TWP 6, RGE 9, SEC: NW 1/4 OF 28, 33; TWP 7, RGE 9, SEC: SW 1/4 OF 4, 12, SE 1/4 OF 13; WHERE:
			1	CENTER OF LSD.
HUNTOON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1 2: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	4	SE LSD IN 1/4 SECTION, EXCEPT: TWP 6, RGE 9, SEC: N 1/2 OF 30, 31, 32, 33, 34; TWP 7, RGE 9, SEC: W 1/2 OF 2, 3, 4, E 1/2 OF 5, 10; TWP 6, RGE 10, SEC: N 1/2 OF 25, NE 1/4 OF 26, E 1/2 OF 33, 34, 35, 36; TWP 7, RGE 10, SEC: 4; WHERE:
			2	ODD NUMBERED LSD.
HUNTOON NORTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ILLERBRUN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: ILLERBRUN VOLUNTARY UNIT	2	ODD NUMBERED LSD.
INGOLDSBY EAST ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
INGOLDSBY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
INGOLDSBY NORTH ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
INGOLDSBY WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
INNES FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
INSTOW UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: INSTOW UNIT 2: INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	2	ODD NUMBERED LSD.
JAVA CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
JAVA NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
JAVA WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS.
JOHNSTON UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
KENNEDY SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
KENOSEE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
KERROBERT MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
KERROBERT NORTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
KERROBERT VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD, EXCEPT: TWP 32, RGE 23, SEC: NE 1/4 OF 26, 36; TWP 33, RGE 23, SEC: 2; WHERE:
			1/2	NE & SW 1/4 OF LSD.
KISBEY BIRDBEAR	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
KISBEY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
KISBEY SOUTH FROB-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
LAKE ALMA RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: LAKE ALMA VOLUNTARY UNIT	2	EVEN NUMBERED LSD.
LANDROSE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: W 1/2 OF 6, W 1/2 OF 7, SW 1/4 OF 18; TWP 50, RGE 26, SEC: E 1/2 & NW 1/4 OF 1, 12, S 1/2 OF 13; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LANDROSE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: W 1/2 OF 6, W 1/2 OF 7, SW 1/4 OF 18; TWP 50 RGE 26, SEC: E 1/2 & NW 1/4 OF 1, 12, S 1/2 OF 13; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LASHBURN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
LASHBURN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: TWP 48, RGE 23, SEC: 18; TWP 48, RGE 24, SEC: NW 1/4 OF 14, NE 1/4 OF 15, E 1/2 OF 22, 23; WHERE:
			1	SE 1/4 OF LSD.
LASHBURN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD, EXCEPT: SEE LASHBURN SOUTH SPARKY SAND POOL.
LASHBURN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD.
LASHBURN WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: LASHBURN WASECA VOLUNTARY UNIT (SUSPENDED)	1	SW 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
LASHBURN WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 48, RGE 25, SEC: LSDS 3, 6, 11, 14 & 15 OF 20, LSDS 2, 3, 6 & 7 OF 29; WHERE:
			1/2	NE & SW 1/4 OF LSD.
LEITCHVILLE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: LEITCHVILLE SHAUNAVON VOLUNTARY UNIT	2	EVEN NUMBERED LSD.
LEON LAKE SHAUNAVON	SOLUTION GAS DRIVE	PILOT WATERFLOOD WATERFLOOD	2	ODD NUMBERED LSD.
LIGHTNING SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
LIGHTNING TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
LLOYDMINSTER SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD, EXCEPT: SPECIAL PROVISIONS FOR PARTIAL LSD.
LONE ROCK SPARKY SAND	SOLUTION GAS DRIVE	PILOT STEAMFLOOD (SUSPENDED)	1/4	CENTER OF EACH 1/4 LSD.
LONG LAKE WASECA SAND	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
LOST HORSE HILL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 10, RGE 7, SEC: 5, S 1/2 & NE 1/4 OF 6; TWP 9, RGE 8, SEC: NW 1/4 OF 20; WHERE:
			2	ODD NUMBERED LSD.
LOUGHEED MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD, EXCEPT: TWP 6, RGE 15, SEC: SW 1/4 OF 23; WHERE:
			1	CENTER OF LSD.
LOVERNA SUCCESS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
LOW LAKE EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD.
LOW LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NE & SW 1/4 OF LSD.
LUCKY HILLS VIKING	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1	CENTER OF LSD.
LUSELAND BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
LUSELAND MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MACKLIN SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
MACOUN MIDALE BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: MACOUN MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
MACOUN NORTH WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: A: TWP 4, RGE 8, SEC: SW 1/4 OF 32; WHERE:
			1	CENTER OF LSD; B: TWP 4, RGE 8, SEC: SW 1/4 OF 30, LSDS 9 & 10 OF 31; TWP 5, RGE 8, SEC: LSDS 7 & 8 OF 6; WHERE:
			2	ODD NUMBERED LSD; C: TWP 4, RGE 8, SEC: LSDS 15 & 16 OF 31; TWP 5, RGE 8, SEC: LSDS 1 & 2 OF 6; WHERE: SEE POOL REGULATIONS.
MACOUN SOUTH MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
MACOUN WEST MIDALE BEDS	PARTIAL WATER DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
MACOUN WINNIPEGOSIS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: SOUTH MACOUN WINNIPEGOSIS VOL. UNIT NO. 1	4	CENTER OF 1/4 SECTION
MAIDSTONE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MAIDSTONE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MAIDSTONE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
MAIN SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS MAIN UNIT	1	SW 1/4 OF LSD.
MANITO LAKE EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 43, RGE 25, SEC: NE 1/4 OF 15, S 1/2 OF 22; WHERE:
			1/2	NW & SE 1/4 OF LSD.
MANITO LAKE SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
MANOR LOWER WATROUS-ALIDA BEDS	WATER DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
MANOR NORTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
MANSUR RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
MANTARIO EAST BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO E. BASAL MANNVILLE VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
MANTARIO NORTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO N. BASAL MANNVILLE SAND VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
MARENGO SOUTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
MARSDEN NORTH SPARKY SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SPECIAL PROVISIONS FOR PARTIAL LSD.
MARSDEN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1 2: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2 3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3 3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	1	SE 1/4 OF LSD.
MARSDEN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD, EXCEPT: TWP 44, RGE 28, SEC: 34; WHERE:
			1/2	NW & SE 1/4 OF LSD.
MELROSE FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
MEOTA LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MERVIN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MERVIN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MERVIN WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 20, SEC: LSDS 2, 3, 6, 7, 10 & 11 OF 6; TWP 50, RGE 21, SEC: N 1/2 OF 26, E 1/2 OF 34, 35, LSDS 3, 6, 7, 10, 11, 14 & 15 OF 36; WHERE:
			1/2	NW & SE 1/4 OF LSD.
MIDALE CENTRAL FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD, EXCEPT: TWP 6, RGE 10, SEC: NW 1/4 OF 15, LSDS 5 TO 16 OF 16, LSDS 5 TO 12 OF 17, LSDS 3 & 4 OF 22; WHERE:
			1	CENTER OF LSD.
MIDALE CENTRAL MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE UNIT 2: MIDALE SOUTH VOL. UNIT NO. 1 3: MIDALE SOUTH VOL. UNIT NO. 2 PILOT CARBON DIOXIDE FLOOD IN: MIDALE UNIT	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
MIDALE RED RIVER	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE RED RIVER VOLUNTARYUNIT NO. 1	4	CENTER OF 1/4 SECTION.
MIDALE WEST RED RIVER	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION.
MILTON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MILTON SUCCESS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
MINARD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
MINTON RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
MINTON WINNIPEGOSIS	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: TWP 3, RGE 21, SEC: SW 1/4 OF 17; WHERE:
			2	ODD NUMBERED LSD.
MONTMARTRE RED RIVER	SOLUTION GAS DRIVE	NONE	4	SEE POOL ORDER FOR DETAILS.
MOOSE MOUNTAIN TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
MOOSE VALLEY SOUTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 11, RGE 6, SEC: E 1/2 OF 27; WHERE:
			2	ODD NUMBERED LSD.
MOOSE VALLEY TILSTON BEDS	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
MOOSOMIN RED JACKET SAND	PARTIAL WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.
MORRISVIEW FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
MORRISVIEW SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
MORRISVIEW WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NEILBURG COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MCLAREN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
NEPTUNE NORTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
NEPTUNE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
NORTH ANTLER MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ANTLER VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
NORTHGATE EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTHGATE FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
NORTHGATE MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHGATE MIDALE VOLUNTARY UNIT	2	ODD NUMBERED LSD.
NORTH HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTH HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	1	CENTER OF LSD.
NORTH HOOSIER BASAL MANNVILLE	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	1/2	SW & NE 1/4 OF LSD, EXCEPT: TWP 32, RGE 26, SEC: NW 1/4 OF 19, NW 1/4 OF 29, 30, S 1/2 & NE 1/4 OF 31, W 1/2 OF 32; TWP 32, RGE 27, SEC: N 1/2 OF 24, E 1/2 OF 25; WHERE:
			1/2	NW & SE 1/4 OF LSD.
NORTHMINSTER NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 27, SEC: 6; WHERE:
			1/2	NW & SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
NORTHMINSTER NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 51, RGE 27, SEC: 6; WHERE:
			1/2	NW & SE 1/4 OF LSD.
NORTHMINSTER SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHMINSTER SPARKY VOLUNTARY UNIT	1	SW 1/4 OF LSD. EXCEPT: TWP 50, RGE 27, SEC: NW 1/4 OF 2, 11, LSDS 12,13,14,15 & 16 OF 12, S 1/2 & NW 1/4 OF 13, 14, N 1/2 OF 19, NW 1/4 OF 20, W 1/2 OF 29, 30, 31; TWP 50, RGE 28, SEC: E 1/2 OF 36; WHERE:
			1	SE 1/4 OF LSD.
NORTH PORTAL MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
NORTH PREMIER ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH PREMIER UNIT NO. 1 2: NORTH PREMIER UNIT NO. 4	1	SW 1/4 OF LSD.
NORTH PREMIER UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT 2: NORTH PREMIER VOL. UNIT NO. 4	1	SW 1/4 OF LSD. EXCEPT: TWP 14, RGE 19, SEC: NW 1/4 OF 27, N 1/2 OF 28, 33; WHERE:
			1	CENTER OF LSD.
NORTH SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
NOTTINGHAM ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM SOUTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: TWP 5, RGE 33, SEC: 10, W 1/2 OF 11, NW 1/4 OF 13, 14, 15, 23, W 1/2 OF 24; WHERE:
			1	CENTER OF LSD.
NOTUKEU UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION.
OAKLEY FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ONWARD BASAL MANNVILLE SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 34, RGE 24, SEC: LSDS 1 & 8 OF 10, LSDS 2, 3, 4 & 5 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
OPENSHAW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
OUNGRE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: OUNGRE VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD. EXCEPT: TWP 2, RGE 14, SEC: N 1/2 OF 14, NW 1/4 OF 15, NE 1/4 OF 16, N 1/2 OF 19, N 1/2 & SE 1/4 OF 20, 21, 22, 23, 26 TO 30, SE 1/4 OF 31, S 1/2 OF 32, SW 1/4 OF 33; TWP 2, RGE 15, SEC: NE 1/4 OF 25; WHERE:
			1	CENTER OF LSD.
OXBOW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PARKMAN SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
PARKMAN SOUTH TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON-SOURIS VALLEY	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
PENNANT UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
PHEASANT RUMP ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PIKES PEAK G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK WASECA SAND	SOLUTION GAS DRIVE	CYCLIC STEAM STIMULATION	1	SE 1/4 OF LSD.
PINTO EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
PINTO FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: A: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE:
			2	ODD NUMBERED LSD; B: TWP 2, RGE 4, SEC: NW 1/4 OF 2, S 1/2 OF 11, N 1/2 OF 26, S 1/2 OF 35; WHERE:
			1	CENTER OF LSD.
PINTO MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. SOUTH PINTO UNIT 2. PINTO VOL. UNIT NO. 2	2	EVEN NUMBERED LSD, EXCEPT: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE:
			2	ODD NUMBERED LSD.
PLATO NORTH VIKING	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	CENTER OF LSD.
PLATO VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: PLATO VIKING VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
PLENTY VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
PLOVER LAKE BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD STEAMFLOOD	1	SE 1/4 OF LSD.
PLOVER LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PLOVER LAKE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 35, RGE 27, SEC: LSD 15 OF 35; TWP 36, RGE 27, SEC: LSDS 1 & 2 OF 2; WHERE:
			1/2	NW & SE 1/4 OF LSD.
PLOVER LAKE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PLOVER LAKE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PRAIRIEDALE VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 21, E 1/2 OF 28, E 1/3 OF 33; TWP 6, RGE 34, SEC: E 1/2 OF 4, E 1/2 OF 9, E 1/2 OF 16, SE 1/4 OF 21; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
QUEENSDALE NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
RALPH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH MIDALE BEDS VOL. UNIT	2	ODD NUMBERED LSD.
RALPH WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH WEST MIDALE BEDS VOL. UNIT NO. 1	2	ODD NUMBERED LSD, EXCEPT: TWP 7, RGE 14, SEC: N 1/2 OF 28, NE 1/4 OF 29, S 1/2 OF 33, S 1/2 & LSDS 9, 10, 11, & 12 OF 34; WHERE:
			1	CENTER OF LSD.
RANGEVIEW EAST MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
RANGEVIEW MADISON	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.

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DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
RAPDAN NORTH LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SW LSD OF 1/4 SECTION.
RAPDAN SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	4	SW LSD OF 1/4 SECTION.
RAPDAN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: RAPDAN UNIT 2: NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT 3: RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2 PILOT POLYMER FLOOD IN: RAPDAN UNIT	1 2	CENTER OF LSD, EXCEPT: TWP 4, RGE 20, SEC: 4, 9; WHERE: EVEN NUMBERED LSD.
RAPDAN WEST SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	NE LSD OF 1/4 SECTION.
RED JACKET GRAVELBOURG	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
RED JACKET SAND	WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.
RED JACKET SOUTH RED JACKET SAND	WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.
REDVERS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
REWARD WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
ROCANVILLE BAKKEN SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1 2: ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	1	CENTER OF LSD.
RONCOTT BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	2	ODD NUMBERED LSD.
ROSEBANK ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ROSEBANK SOUTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ROSS LAKE CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
RUSH LAKE G.P. SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 6, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 OF 12; WHERE: NW & SE 1/4 OF LSD.
RUSH LAKE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 6, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 OF 12; WHERE: NW & SE 1/4 OF LSD.
RUSH LAKE SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 6, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 OF 12; WHERE: NW & SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
RUSH LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 6, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 OF 12; WHERE:
			1/2	NW & SE 1/4 OF LSD.
RUTLAND CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SALT LAKE LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SENLAC CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SENLAC LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SENLAC WASECA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SERVICE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 8, RGE 34, SEC: NW 1/4 OF 11, SW 1/4 OF 14; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SEWARD CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
SEWARD SUCCESS SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
SHERWOOD FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERDALE SPARKY SAND	SOLUTION GAS DRIVE	PILOT WATER ALTERNATING GAS INJECTION	1/4	CENTER OF EACH 1/4 LSD, EXCEPT: A: TWP 49, RGE 28, SEC: LSDS 3,6,11,14 & E 1/2 OF 14, LSDS 3,6,11,14 & SE 1/4 OF 23; WHERE:
			1	CENTER OF LSD; B: TWP 48, RGE 28, SEC: LSDS 4,5,12 & 13 OF 14, LSDS 1,8,9 & 16 OF 15, LSDS 1,8,9 & 16 OF 22, LSDS 4,5,12 & 13 OF 23, LSDS 1,8,9 & 16 OF 27, LSDS 1,8, 9 & 16 OF 34; TWP 49, RGE 28, SEC: LSDS 1,8,9, & 16 OF 3, LSDS 1,8,9 & 16 OF 10, LSDS 1,8,9 & 16 OF 15; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SILVERTON EAST FROBISHER BEDS	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
SILVERTON FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
SILVERTON WEST FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SKINNER LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
SMILEY-DEWAR VIKING	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD, EXCEPT: TWP 30, RGE 25, SEC: 29, 30, 31, 32: WHERE: SEE POOL ORDER FOR DETAILS.
SODA LAKE CUMMINGS SAND	PARTIAL WATER DRIVE	STEAMFLOOD	1	SE 1/4 OF LSD.
SOURIS FLAT FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOURIS FLAT SOUTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH FLETWODE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: SUCCESS UNIT	1	SW 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
STANDARD HILL NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH REX SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC: 14, 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
STANDARD HILL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
STANDARD HILL WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
STAR VALLEY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
STAR VALLEY SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: STEELMAN UNIT NO. 1A 2: STEELMAN UNIT NO. 2 3: STEELMAN UNIT NO. 3 4: STEELMAN UNIT NO. 4 5: STEELMAN UNIT NO. 5 6: STEELMAN UNIT NO. 6 7: STEELMAN UNIT NO. 7 8: LAMPMAN UNIT 9: DOUGLASTON MIDALE BEDS UNIT 10: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1 11: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2	2	ODD NUMBERED LSD.
STEELMAN WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	4	CENTER OF 1/4 SECTION.
STORTHOAKS ALIDA BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	2	EVEN NUMBERED LSD.
STORTHOAKS EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STOUGHTON FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
SUCCESS NORTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS NORTH ROSERAY VOLUNTARY UNIT	1	CENTER OF LSD.
SUCCESS ROSERAY SAND ALPHA	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS ALPHA UNIT	1	SW 1/4 OF LSD.
SUFFIELD BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
SUFFIELD ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 1 2: SUFFIELD UNIT NO. 3	2	ODD NUMBERED LSD, EXCEPT: TWP 14, RGE 19, SEC: 17, E 1/2 & NW 1/4 OF 18, S 1/2 OF 19, S 1/2 OF 20; WHERE:
			1	CENTER OF LSD.
SUFFIELD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 2 2: SUFFIELD UNIT NO. 3	2	ODD NUMBERED LSD.
SUFFIELD WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
SUPERB NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
SUPERB WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
TABLELAND WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: TABLELAND VOL. UNIT NO. 1	4	SE LSD OF 1/4 SECTION.
TANGLEFLAGS EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
TANGLEFLAGS G.P. SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: TANGLEFLAGS VOL. UNIT NO. 2 2: TANGLEFLAGS VOL. UNIT NO. 4	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 52, RGE 25, SEC: 10 TO 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS NORTH LLOYD/ CUMMINGS SAND	SOLUTION GAS DRIVE	STEAMFLOOD/HORIZONTAL WELLS	1	SE 1/4 OF LSD, EXCEPT: TWP 52, RGE 25, SEC: 10 TO 15; WHERE:
			1/2	SE & NW 1/4 OF LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
TANGLEFLAGS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC: 18, 30, 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 22, 24, E 1/2 OF 28, 34, S 1/2 OF 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST LLOYD. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 25, SEC: 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TATAGWA CENTRAL MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
TATAGWA MIDALE BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT: TWP 5, RGE 15, SEC: SE 1/4 OF 30; WHERE:
			2	ODD NUMBERED LSD.
TATAGWA NORTH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD.
TATAGWA WEST MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
TAYLORTON MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
THIRTY LAKE ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
TURTLEFORD SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD.
TURTLEFORD WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD.
TYVAN RED RIVER	SOLUTION GAS DRIVE	PILOT WATERFLOOD	4	SEE POOL ORDER FOR DETAILS.
UNION JACK MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
VERENDRYE VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
VERLO ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VERLO ROSERAY SAND UNIT	1	CENTER OF LSD.
VIEWFIELD EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
VIEWFIELD FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VIEWFIELD VOL. UNIT NO. 1 (SUSP)	1	CENTER OF LSD.
VIEWFIELD RIM	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD.
VIEW HILL MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WAPELLA MANNVILLE SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WAPELLA RED JACKET SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WAPELLA SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
WARMLEY ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WAUCHOPE ALIDA-TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WAUCHOPE CENTRAL TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WAUCHOPE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WAUCHOPE SOUTH ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WAUCHOPE WEST ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 34, SEC: NE 1/4 OF 33, NW 1/4 OF 34; TWP 7, RGE 34, SEC: SW 1/4 OF 2; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
WEBB CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEBB SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEBB WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
WEIR HILL FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WELWYN BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
WELWYN RED JACKET	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
WELWYN SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
WESTHAZEL G.P. SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22,, SEC: 4; WHERE: SE & NW 1/4 OF LSD.
WESTHAZEL MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22,, SEC: 4; WHERE: SE & NW 1/4 OF LSD.
WESTHAZEL SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22,, SEC: 4; WHERE: SE & NW 1/4 OF LSD.
WESTHAZEL WASECA SAND	SOLUTION GAS DRIVE	NONE	1 1/2	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22,, SEC: 4; WHERE: SE & NW 1/4 OF LSD.
WEST INNES FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WEST KINGSFORD MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
WEYBURN FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: A: TWP 6, RGE 11, SEC: W 1/2 OF 31; TWP 7, RGE 11, SEC: 5, 6, 7, 8; TWP 5, RGE 12, SEC: S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC: LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC: 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC: E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC: 28, 29, 32, 33; TWP 7, RGE 14, SEC: N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE:
			2	ODD NUMBERED LSD; B: TWP 7, RGE 12, SEC: W 1/2 OF 6, W 1/2 OF 7, W 1/2 OF 18, W 1/2 & NE 1/4 OF 19; TWP 7, RGE 13, SEC: E 1/2 OF 12, E 1/2 OF 13, LSDS 1 & 2 OF 24; WHERE:
			1	CENTER OF LSD.
WEYBURN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEYBURN UNIT 2: WEYBURN MIDALE VOL. UNIT NO. 2 3: WEYBURN MIDALE VOL. UNIT NO. 3 4: WEYBURN MIDALE VOL. UNIT NO. 4 5: WEYBURN MIDALE VOL. UNIT NO. 5 6: WEYBURN MIDALE VOL. UNIT NO. 6 7: WEYBURN MIDALE VOL. UNIT NO. 7 8: WEYBURN MIDALE VOL. UNIT NO. 8 9: WEYBURN MIDALE VOL. UNIT NO. 9	2	EVEN NUMBERED LSD. EXCEPT: A: TWP 6, RGE 11, SEC: W 1/2 OF 31; TWP 7, RGE 11, SEC: 5, 6, 7, 8; TWP 5, RGE 12, SEC: S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC: LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC: 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC: E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC: 28, 29, 32, 33; TWP 7, RGE 14, SEC: N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE:
			2	ODD NUMBERED LSD; B: TWP 7, RGE 12, SEC: W 1/2 OF 6, W 1/2 OF 7, W 1/2 OF 18, W 1/2 & NE 1/4 OF 19; TWP 7, RGE 13, SEC: E 1/2 OF 12, E 1/2 OF 13, LSDS 1 & 2 OF 24; WHERE:
			1	CENTER OF LSD.
WHITE BEAR TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WHITE BEAR TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
WHITEMUD SHAUNAVON	SOLUTION GAS DRIVE	PILOT WATERFLOOD	2	EVEN NUMBERED LSD.
WHITESIDE VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: WHITESIDE VIK. VOL. UNIT (SUSP.)	1	CENTER OF LSD.
WILDWOOD ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

DEVELOPMENT DATA - OIL POOLS

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNITS, LSDS	TARGET AREA
WILLMAR FROBISHER-ALIDA BEDS	WATER DRIVE SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: 1: WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1 2: NORTH DALESBORO UNIT NO. 1 3: NORTH CENTRAL WILLMAR VOL. UNIT	1	CENTER OF LSD.
WILLMAR NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: WILLMAR NORTH FROB-ALIDA VOL. UNIT NO. 1	2	EVEN NUMBERED LSD.
WILLMAR WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WINMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WINTER CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
WINTER SOUTH CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
WORDSWORTH EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
WORDSWORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WORDSWORTH NORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
WORKMAN FROBISHER BEDS	SOLUTION GAS DRIVE WATER DRIVE	WATERFLOOD IN: 1. WORKMAN FROB. VOL UNIT NO. 1 2: WORKMAN FROB.VOL. UNIT NO. 2	2	ODD NUMBERED LSD.
WORKMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WORKMAN MIDALE VOL. UNIT NO. 1 2: WORKMAN MIDALE VOL. UNIT NO. 2 3: WORKMAN VOLUNTARY UNIT NO. 3	2	ODD NUMBERED LSD.
WORKMAN SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2001.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS • DRAINAGE UNIT SECTIONS	TARGET AREA
BARTHEL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BAYHURST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BAYHURST WEST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL SOUTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEACON HILL WEST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEAR CREEK MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BEVERLEY EAST CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BIGSTICK SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
	1/2	EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 12, 15 TO 22; TWP 12, RGE 26, SEC: 6 TO 9, 13 TO 36; TWP 13, RGE 26, SEC: 1 TO 24; TWP 12, RGE 27, SEC: 1, 2, 10 TO 14, S 1/2 OF 17, 24, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 27, SEC: 1 TO 3, 10 TO 14, 22 TO 24; TWP 14, RGE 27, SEC: N 1/2 OF 7, 8, 9, 16, 18, 30, 31, 32; TWP 12, RGE 28, SEC: N 1/2 OF 24; TWP 13, RGE 28, SEC: S 1/2 OF 7, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 28, SEC: 13, N 1/2 OF 14, N 1/2 OF 15, N 1/2 OF 20, 21, 22, 24, 28, 33, 36; TWP 15, RGE 28, SEC: 1 TO 4, 7 TO 9; TWP 13, RGE 29, SEC: 1 TO 12, S 1/2 OF 17, S 1/2 OF 18, N 1/2 OF 23, N 1/2 OF 24, N 1/2 OF 25, 26, S 1/2 OF 35; TWP 15, RGE 29, SEC: 12, N 1/2 OF 15, N 1/2 OF 16, N 1/2 OF 17, N 1/2 OF 18; TWP 13, RGE 30, SEC: 1, 12, N 1/2 OF 24, N 1/2 OF 25; WHERE: CENTER OF NE AND SW 1/4 OF SECTION. B: TWP 14, RGE 26, SEC: 21; TWP 13, RGE 27, SEC: 15, N 1/2 OF 32; TWP 12, RGE 28, SEC: N 1/2 OF 25, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 28, SEC: N 1/2 OF 4, N 1/2 OF 5, 8, N 1/2 OF 9; TWP 14, RGE 28, SEC: 29, 32; TWP 15, RGE 28, SEC: 5, N 1/2 OF 6; WHERE: NE CORNER OF NE AND SW 1/4 OF SECTION.
	1/4	C: TWP 12, RGE 27, SEC: 15, 16, N 1/2 OF 17, 19 to 23, 25, N 1/2 OF 27, N 1/2 of 34, N 1/2 OF 35, 36; TWP 12, RGE 28, SEC: S 1/2 OF 24; TWP 13, RGE 28, SEC: 6, N 1/2 OF 7, N 1/2 OF 17, N 1/2 OF 18, 19, 29 TO 33; TWP 13, RGE 29, SEC: 13 TO 16, N 1/2 OF 17, N 1/2 OF 18, 19 TO 22, S 1/2 OF 23, S 1/2 OF 24, S 1/2 OF 25, 27 TO 34, N 1/2 OF 35, 36; TWP 14, RGE 29, SEC: 3 TO 10, 16 TO 18; TWP 13, RGE 30, SEC: 13, E 1/2 OF 14, S 1/2 OF 24, S 1/2 OF 25, 36; TWP 14, RGE 30, SEC: 1 E 1/2 OF 2, E 1/2 OF 11, 12, 13, E 1/2 OF 14; WHERE: CENTER OF 1/4 SECTION.
	1/4	D: TWP 12, RGE 27, SEC: 28 TO 33; TWP 13, RGE 27, SEC: 4 TO 9, 16 TO 21, 28 TO 30, S 1/2 OF 32; TWP 12, RGE 28, SEC: S 1/2 OF 25, N 1/2 OF 27, 33, N 1/2 OF 34, N 1/2 OF 35, 36; TWP 13, RGE 28, SEC: 1 TO 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 9, 10 TO 16, 20 TO 28; WHERE: NE CORNER OF 1/4 SECTION E: TWP 13, RGE 30, SEC: 2, 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 14, RGE 30, SEC: LSDS 3 TO 6 & 11 TO 14 OF 2, LSDS 3 TO 6 & 11 TO 14 OF 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 15, RGE 30, SEC: N 1/2 OF 13. WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
BIGSTICK SECOND WHITE SPECKS GAS POOL (CONT'D)	1/4	F: TWP 14, RGE 27, SEC: S 1/2 OF 7; TWP 13, RGE 28, SEC: 34, 35; TWP 14, RGE 28, SEC: 1 TO 12, S 1/2 OF 14, S 1/2 OF 15, 16 TO 19, S 1/2 OF 20, 30, 31; TWP 15, RGE 28, SEC: S 1/2 OF 6; TWP 14, RGE 29, SEC: 1, 2, 11 TO 15, 19 TO 36; TWP 15, RGE 29, SEC: 1 TO 11, S 1/2 OF 15, S 1/2 OF 16, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 30, SEC: 24, 25, 36; TWP 15, RGE 30, SEC: 1, 12, S 1/2 OF 13; WHERE: 500 M INTER-WELL DISTANCE - SEE POOL ORDER.
BRANCH LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BROCK EAST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BROCK VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BRONSON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BRONSON LAKE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
BURSTALL MEDICINE HAT SAND GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 19, RGE 28, SEC: 3 TO 10, 15 TO 22, 28 TO 33; TWP 20, RGE 28, SEC: 5 TO 7; TWP 19, RGE 29, SEC: 1 TO 5, 8 TO 17, 20, S 1/2 & NW 1/4 OF 21, S 1/2 & NE 1/4 OF 22, 23 TO 25, 36; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: B: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL MILK RIVER GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 19, RGE 28, SEC: 3 TO 10, 15 TO 22, 28 TO 33; TWP 20, RGE 28, SEC: 5 TO 7; TWP 19, RGE 29, SEC: 1 TO 5, 8 TO 17, 20, S 1/2 & NW 1/4 OF 21, S 1/2 & NE 1/4 OF 22, 23 TO 25, 36; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: B: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL MILK RIVER-MEDICINE HAT GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 19, RGE 28, SEC: 3 TO 10, 15 TO 22, 28 TO 33; TWP 20, RGE 28, SEC: 5 TO 7; TWP 19, RGE 29, SEC: 1 TO 5, 8 TO 17, 20, S 1/2 & NW 1/4 OF 21, S 1/2 & NE 1/4 OF 22, 23 TO 25, 36; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: B: TWP 19, RGE 29, SEC: 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC: 6; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
BURSTALL NORTH VIKINGSAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CARRUTHERS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CAVALIER SPINNEY HILL SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
COLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
COLEVILLE-SMILEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CONSUL SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CONSUL UPPER SHAUNAVON GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
CRANE LAKE MEDICINE HAT SAND GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 36; WHERE: CENTER OF DRAINAGE UNIT; EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
CRANE LAKE MILK RIVERGAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 36; WHERE: CENTER OF DRAINAGE UNIT; EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
CRANE LAKE MILK RIVERMEDICINE HAT GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 25, SEC: 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC: 1 TO 36; WHERE: CENTER OF DRAINAGE UNIT; EXCEPT: B: TWP 14, RGE 25, SEC: 20, 29; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
CRANE LAKE SOUTH MEDICINE HAT SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH MILK RIVER-MEDICINE HAT GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 25, 26, 27; TWP 12, RGE 24, SEC: 5, 6, 7; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH SECOND WHITE SPECKS GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT, EXCEPT: A: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 8 TO 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 13 TO 15 & 19 TO 27; TWP 12, RGE 24, SEC: 4, 5, 6, 7; TWP 13, RGE 24, SEC: 20, 21, 28 & 29; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF NE AND SW 1/4 OF SECTION.
	1/2	EXCEPT: B: TWP 13, RGE 24, SEC: 22 TO 27; WHERE: NE CORNER OF NE AND SW 1/4 OF SECTION.
CYPRESS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
DODSLAND NORTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
DRAKE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
DRIVER BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
DRIVER MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FLAT VALLEY COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FLAT VALLEY ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FORT PITT COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FORT PITT NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FORT PITT NORTH WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FREEFIGHT MILK RIVER GAS POOL	1/8 1/4	NORTHEAST CORNER OF EVEN NUMBERED LSDS, EXCEPT: TWP 15, RGE 22, SEC: E 1/2 & SW 1/4 OF 7, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 30, E 1/2 OF 31; TWP 16, RGE 22, SEC: E 1/2 OF 6, E 1/2 OF 7, 8, 9, 16, E 1/2 OF 17, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 20, E 1/2 OF 21, 28, 29, N 1/2 OF 31, 32, 33; TWP 15, RGE 23, SEC: 1, 2, S 1/2 & NE 1/4 OF 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 6, S 1/2 OF 11, S 1/2 OF 12; TWP 16, RGE 23, SEC: NE 1/4 OF 36; TWP 17, RGE 23, SEC: E 1/2 & NW 1/4 OF 1, N 1/2 OF 2; TWP 15, RGE 24, SEC: S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3; WHERE: NE CORNER OF LSDS 6, 8, 14, 16.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
FREEFIGHT NORTH MILK RIVER GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: TWP 18, RGE 24, SEC: 11, 14, 15, 16, 21, 22; WHERE: NE CORNER OF EVEN NUMBERED LSDS.
FRENCHMAN BUTTE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FRENCHMAN BUTTE ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FRENCHMAN BUTTE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GLIDDEN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GOLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GREENAN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
GULL LAKE CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HALLAM COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HALLAM WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HATTON MEDICINE HAT SAND GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HATTON MILK RIVER GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HATTON MILK RIVER-MEDICINE HAT GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS.
HILLMOND COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HILLMOND LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
HOOSIER SOUTH BAKKEN SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 26, SEC: 31; WHERE: CENTER OF DRAINAGE UNIT.
HOOSIER VIKING SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 30, RGE 27, SEC: 26, 27, 28, 31 TO 35; TWP 31, RGE 27, SEC: 1 TO 15; TWP 30, RGE 28, SEC: 31 TO 36; TWP 31, RGE 28, SEC: 1, 2, 3, 4, 11, 12; WHERE: CENTER OF NE AND SW 1/4 OF SECTION.
INGEBRIGT MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF EVEN NUMBERED LSDS, EXCEPT: TWP 15, RGE 25, SEC: 6, 7, 18, 19, 30, 31; TWP 16, RGE 25, SEC: 6, 7, 18, 19, 30, 31; TWP 17, RGE 25, SEC: 6, 7, 18, 19, 30, 31; WHERE: NO WELLS TO BE DRILLED WITHIN 300 M OF THE WEST BOUNDARY OF ABOVE LANDS.
KINDERSLEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LASHBURN MCLAREN SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION.
LIEBENTHAL MILK RIVER GAS POOL	1/4 1/8	NORTHEAST CORNER OF DRAINAGE UNIT, EXCEPT: TWP 18, RGE 24, SEC: 29 TO 32; TWP 19, RGE 24, SEC: 5 TO 9, 16 TO 21, 28 TO 33; TWP 20, RGE 24, SEC: 5, 6, S 1/2 & NE 1/4 OF 7; TWP 18, RGE 25, SEC: 1 TO 36; TWP 19, RGE 25, SEC: 1 TO 8, 10 TO 15, 22 TO 28, 33 TO 36; TWP 20, RGE 25, SEC: 1 TO 4, 8 TO 12, 16 TO 18; TWP 21, RGE 25, SEC: 3, 10, 15; TWP 18, RGE 26, SEC: 1, 12, 13, 24, 25, 36; TWP 19, RGE 26, SEC: 1, 2, 3, S 1/2 & NE 1/4 OF 4, E 1/2 OF 9, 10, 11, 12; WHERE: NE CORNER OF LSDS 2, 4, 6, 8, 10, 12, 14 OR 16.
LLOYDMINSTER COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE).
LLOYDMINSTER NORTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE). EXCEPT: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
LLOYDMINSTER SOUTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE). EXCEPT: TWP 49, RGE 28, SEC: LSDS 1, 8, 9 & 16 OF 10, W 1/2 OF 11; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA NORTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC: 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA NORTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC: 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA SOUTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA WEST BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC: 26 & 35; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
LUSELAND VIKING SAND GAS POOL	1 1/2	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 35, RGE 26, SEC: 20, 21, 28, 29, 32, 33; WHERE: NE CORNER OF DRAINAGE UNIT.
MAKWA MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MARENGO VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MERRYFLAT SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MILTON VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
MONCHY SECOND WHITE SPECKS GAS POOL	1/2	CENTER OF NE & SW 1/4 OF SECTION.
MUDIE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PARADISE HILL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PARADISE HILL WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PECK LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PIERCELAND MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PIERCELAND WEST COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRAIRIEDALE EAST VIKING GAS POOL	1/2	CENTER OF NE AND SW 1/4 OF SECTION.
PRIMATE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRIMROSE LAKE EAST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
PRIMROSE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
REX LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SALVADOR MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENATE SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENLAC MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SENLAC SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SPRUCE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SPRUCE LAKE NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
SUPERB BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TANGLEFLAGS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TANGLEFLAGS MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TANGLEFLAGS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TANGLEFLAGS ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
TOTNES VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
UNITY SOUTH SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
UNITY SOUTH UNITY GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
UNITY SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
VERENDRYE NORTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
VIDORA BEARPAW SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
VIDORA BEARPAW-BELLY RIVER SANDS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
VIDORA BELLY RIVER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHEAT VALLEY CANTUAR SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHELAN MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHELAN ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHITESIDE RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHITESIDE WEST RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
WHITESIDE WEST VIKING SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION, EXCEPT: TWP 30, RGE 26, SEC: 18 & 19; TWP 30, RGE 27, SEC: 13; WHERE: NORTHEAST & SOUTHWEST 1/4 OF SECTION.
WYMARK SECOND WHITE SPECKS GAS POOL	1/2 1	NE CORNER OF LSD 8 OR LSD 14, EXCEPT: TWP 13, RGE 13, SEC: 6; TWP 13, RGE 14, SEC: 1, 2, 11, 12; WHERE: SEE POOL ORDER FOR TARGET AREAS.
YONKER COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
YONKER MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2001.

AREA SPACING DESCRIPTION*

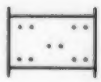
SPACING AREA	DRAINAGE UNIT SIZE (No. of Lsds)	TARGET AREA	EXCEPTIONS
		- OIL AREAS -	
A (MRO 235/95)	2	Odd numbered Lsd. (100 m from the sides of the Lsd.)	A well greater than 2.4 km from a well capable of production from the same zone may be drilled on the even or odd Lsd. Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone shallower than the base of the Birdbear Formation.
B (MRO 236/95)	2	Even numbered Lsd. (100 m from the sides of the Lsd.)	A well greater than 2.4 km from a well capable of production from the same zone may be drilled on the even or odd Lsd. Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone shallower than the base of the Birdbear Formation.
E (MRO 1185/96)	1	Southeast quadrant of the Lsd.	Wells drilled along the fourth meridian have different drainage units and target areas. Applies to vertical wells completed in the Mannville Group, Success, Bakken, Birdbear, or Duperow Formations.
F (MRO 615/98)	4	100 m from the sides of drainage unit.	Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone deeper than the base of the Birdbear Formation.
		- GAS AREAS -	
G (MRO 97/91)	16	100 m from the sides of drainage unit.	Wells drilled within a 9 Section square area centred on a Section that contains a gas well shall be drilled at least 500 m from the sides of the drainage unit. Applies to the Mannville, Second White Specks and St. Walburg Sand Formations. Special provisions for fractional Sections and Sections adjacent to fractional Sections.

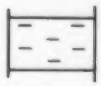
* Note: Spacing regulations in effect as of November 1, 1998.
Spacing Area regulations apply to wells inside a Spacing Area, but outside any defined pool - see the appropriate Minister's Order (MRO) for complete Spacing Area provisions.
See The Oil and Gas Conservation Regulations, 1985 for general spacing regulations.

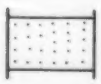
TYPICAL WELL LOGS

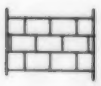
OF PRODUCING ZONES

LITHOLOGY LEGEND

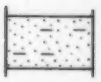
Silt 

Shale 

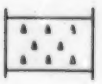
Sandstone 

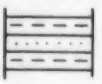
Limestone 

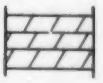
Calcareous shale

Argillaceous sandstone 

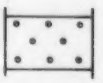
Coal

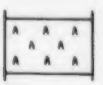
Chert pebbles 

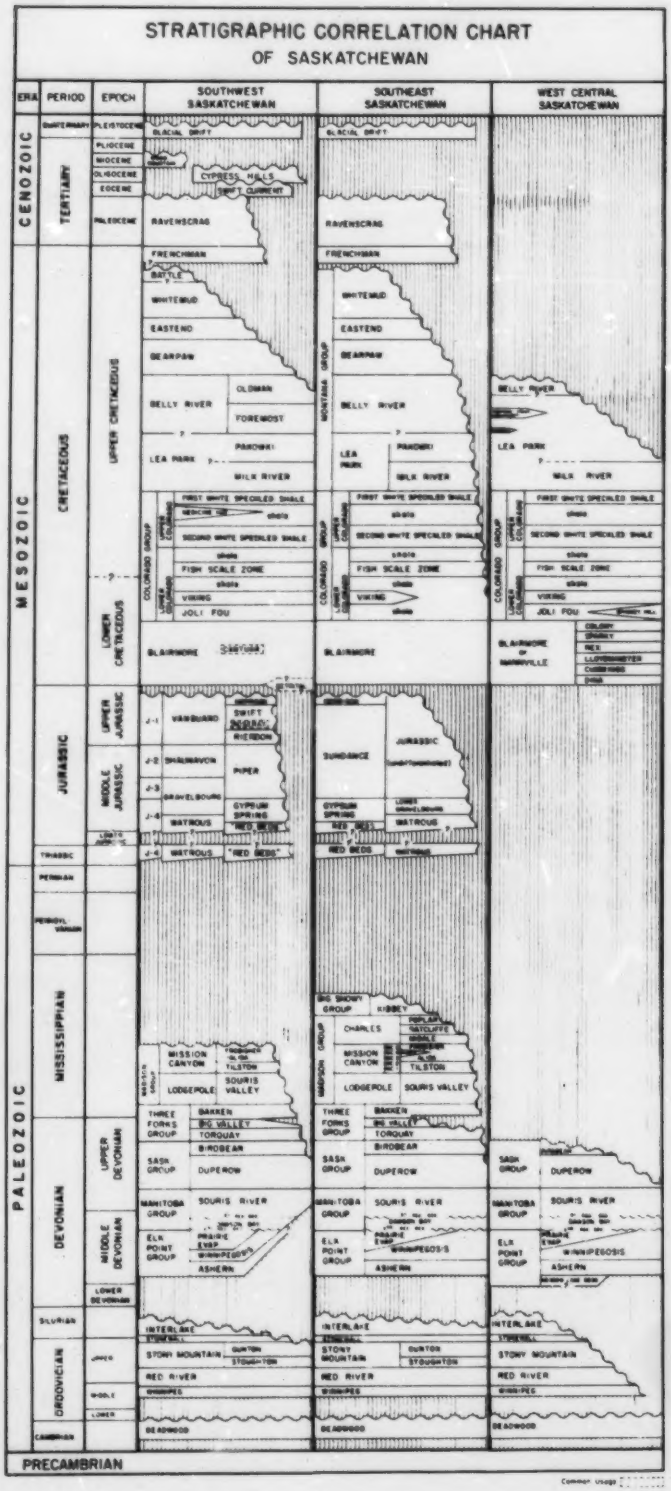
Interbedded shale and sandstone 

Dolomite or dolomitic limestone 

Argillaceous and anhydritic dolomite

Oolitic 

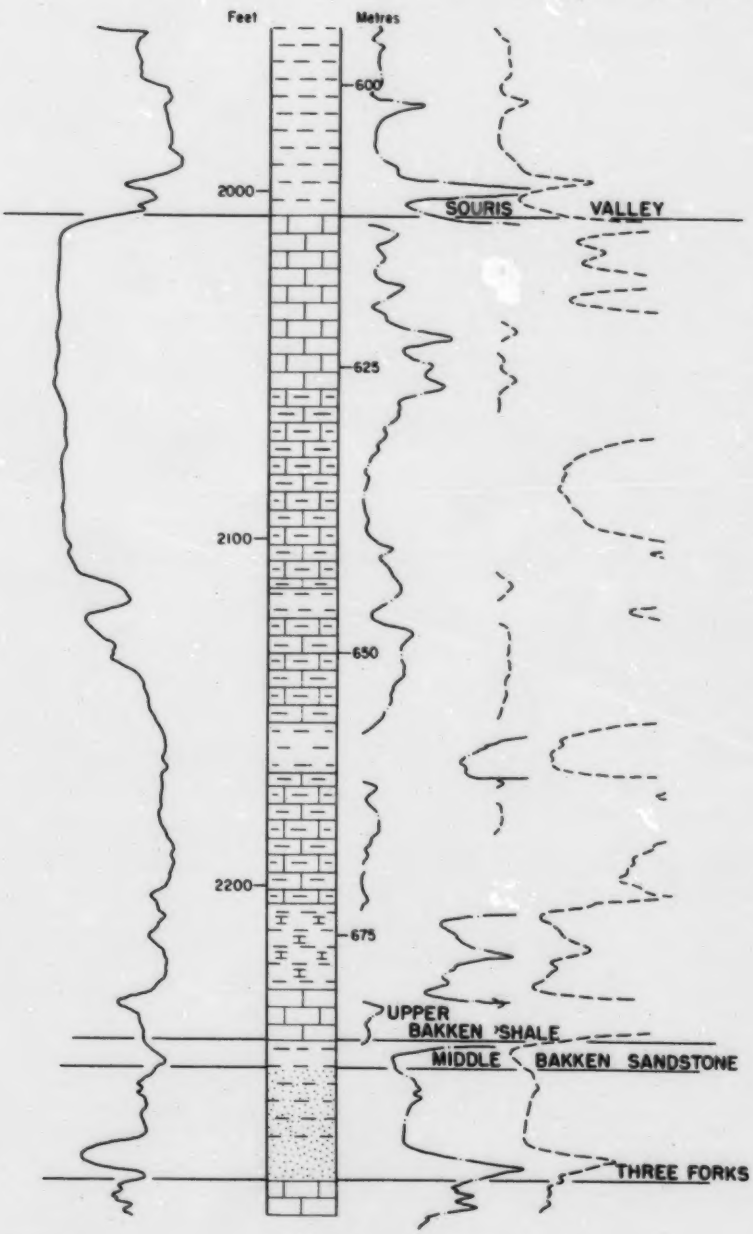
Anhydrite 


STRATIGRAPHIC CORRELATION CHART
OF SASKATCHEWAN
ERA
PERIOD
EPOCH
SOUTHWEST SASKATCHEWAN
SOUTHEAST SASKATCHEWAN
WEST CENTRAL SASKATCHEWAN
CENOZOIC
MESOZOIC
PALEOZOIC
PRECAMBRIAN
QUATERNARY
PLEISTOCENE
GLACIAL DRIFT
TERTIARY
PLIOCENE
MIOCENE
OLIGOCENE
EOCENE
PALEOCENE
CYPRESS HILLS
RAVENSCRAG
CRETACEOUS
UPPER CRETACEOUS
LOWER CRETACEOUS
FRENCHMAN
BATTLE
WHITEMUD
EASTEND
BEARPAW
BELLY RIVER
OLDMAN
FOREMOST
LEA PARK
PAKOWKI
MILK RIVER
COLORADO GROUP
FIRST WHITE SPECKLED SHALE
SECOND WHITE SPECKLED SHALE
FISH SCALE ZONE
VIKING
JOLI FOU
BLAIRMORE
JURASSIC
UPPER JURASSIC
MIDDLE JURASSIC
VANGUARD
SWIFT
HORSE RIVER
RIVERSIDE
SHAUNAVON
PIPER
GRAVELBOURG
GYPSUM SPRING
WATROUS
"RED BEDS"
SUNDANCE
TRIASSIC
PERMIAN
PENNSYLVANIAN
MISSISSIPPIAN
BIG SNOWY GROUP
KIBBEY
CHARLES
MISSION CANYON
LODGEPOLE
TILSTON
SOURIS VALLEY
DEVONIAN
UPPER DEVONIAN
MIDDLE DEVONIAN
LOWER DEVONIAN
THREE FORKS GROUP
BAKKEN
BIG VALLEY
TORQUAY
SASK GROUP
BIRDBEAR
DUPEROW
MANITOBA GROUP
SOURIS RIVER
ELK POINT GROUP
PRAIRIE EVAP.
WINNIPEGOSIS
ASHERN
SILURIAN
INTERLAKE
ORDOVICIAN
STONY MOUNTAIN
GUNTON
STOUGHTON
RED RIVER
WINNIPEG
CAMBRIAN
DEADWOOD

TRANSWEST ROCANVILLE 4-4-16-31

4-4-16-31-W1

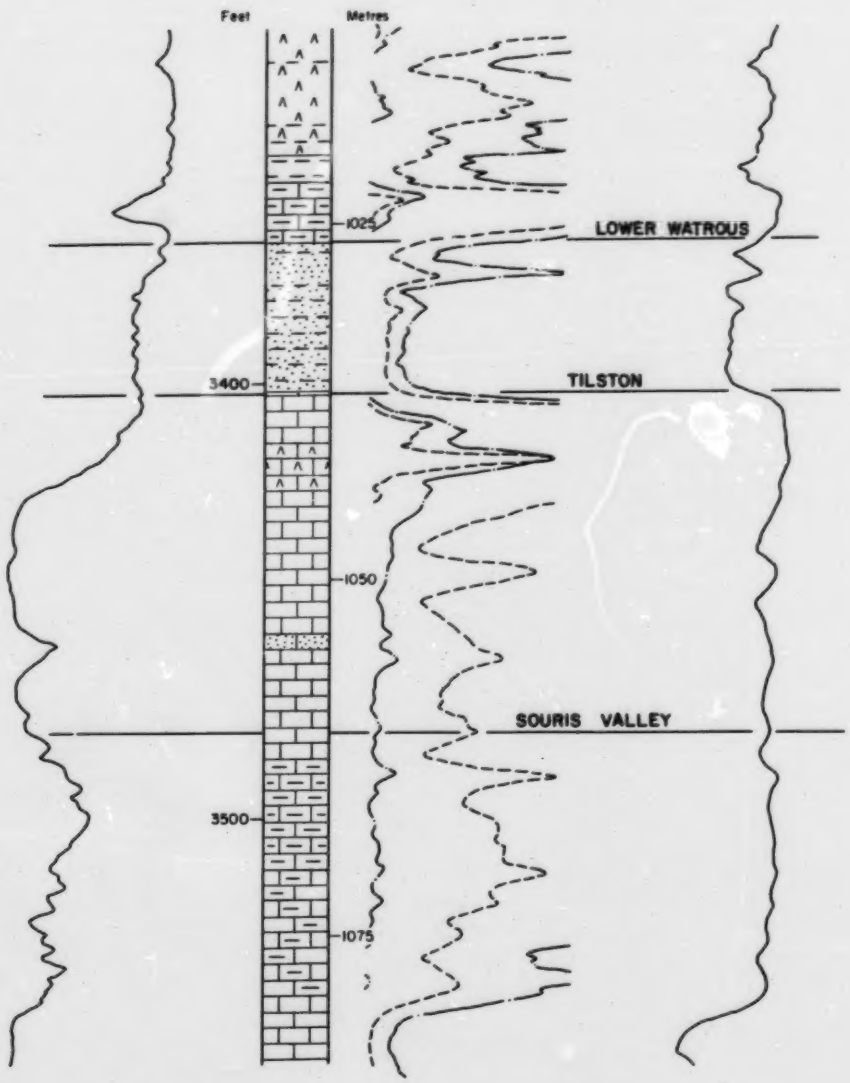
PRODUCING HORIZON : BAKKEN SAND



PEMOCO PARKMAN 2-3-9-33

2-3-9-33-W1

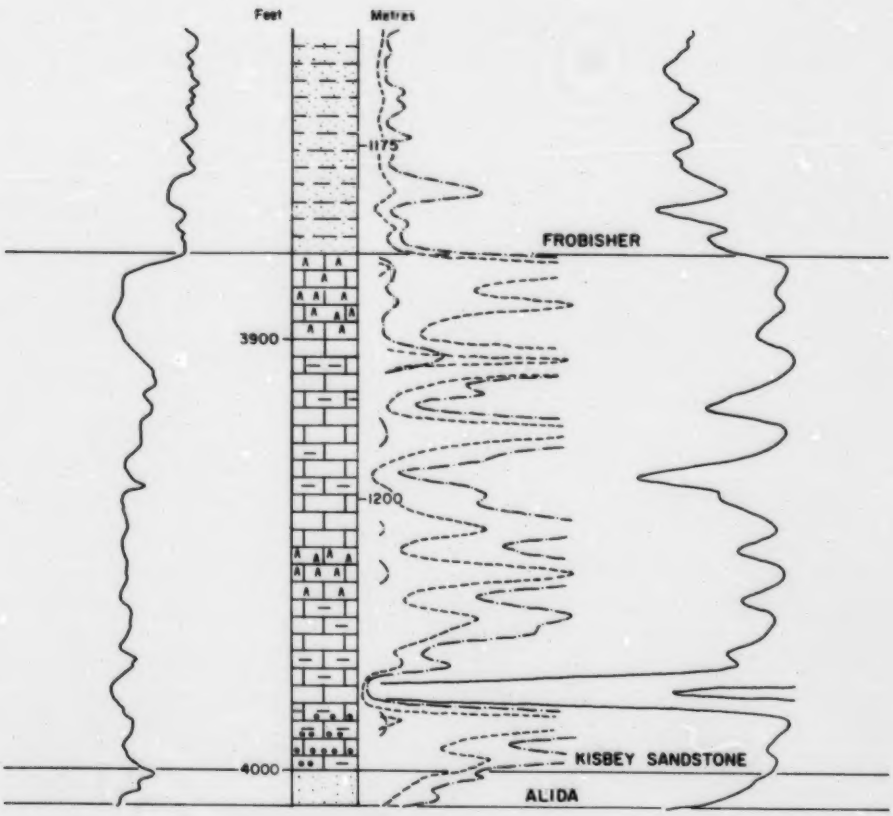
PRODUCING HORIZONS : TILSTON AND SOURIS VALLEY BEDS



MURPHY HASTINGS 7-24-4-34

7-24-4-34-W1

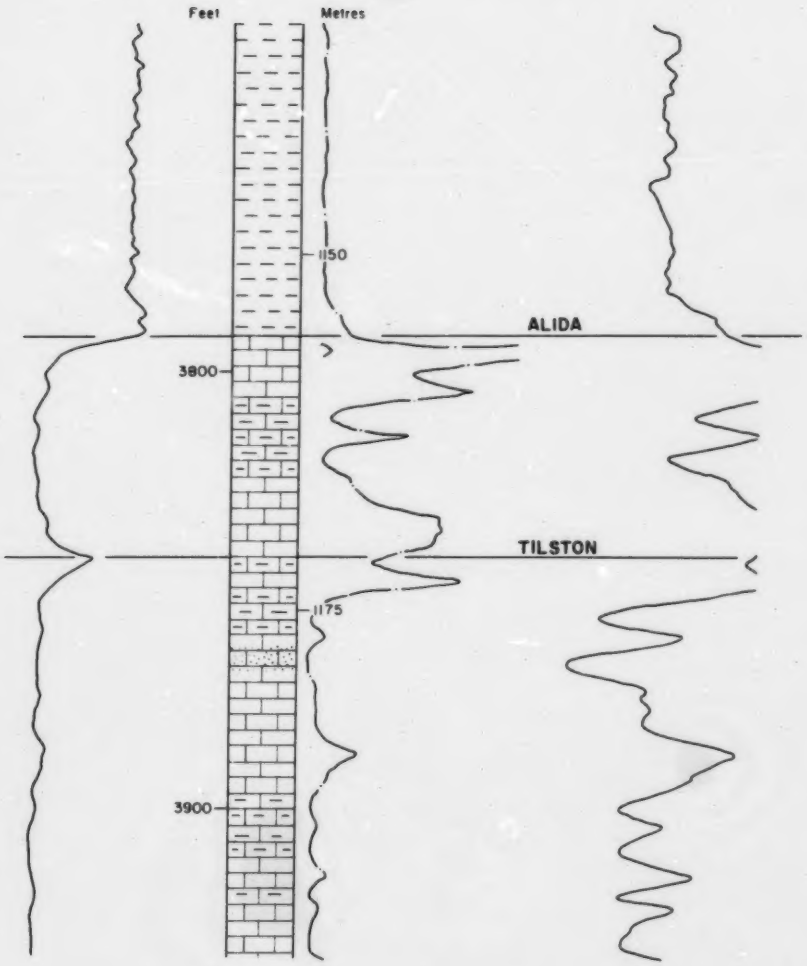
PRODUCING HORIZON : FROBISHER BEDS



UPTON QUEENSDALE 2-13-6-1

2-13-6-1-W2

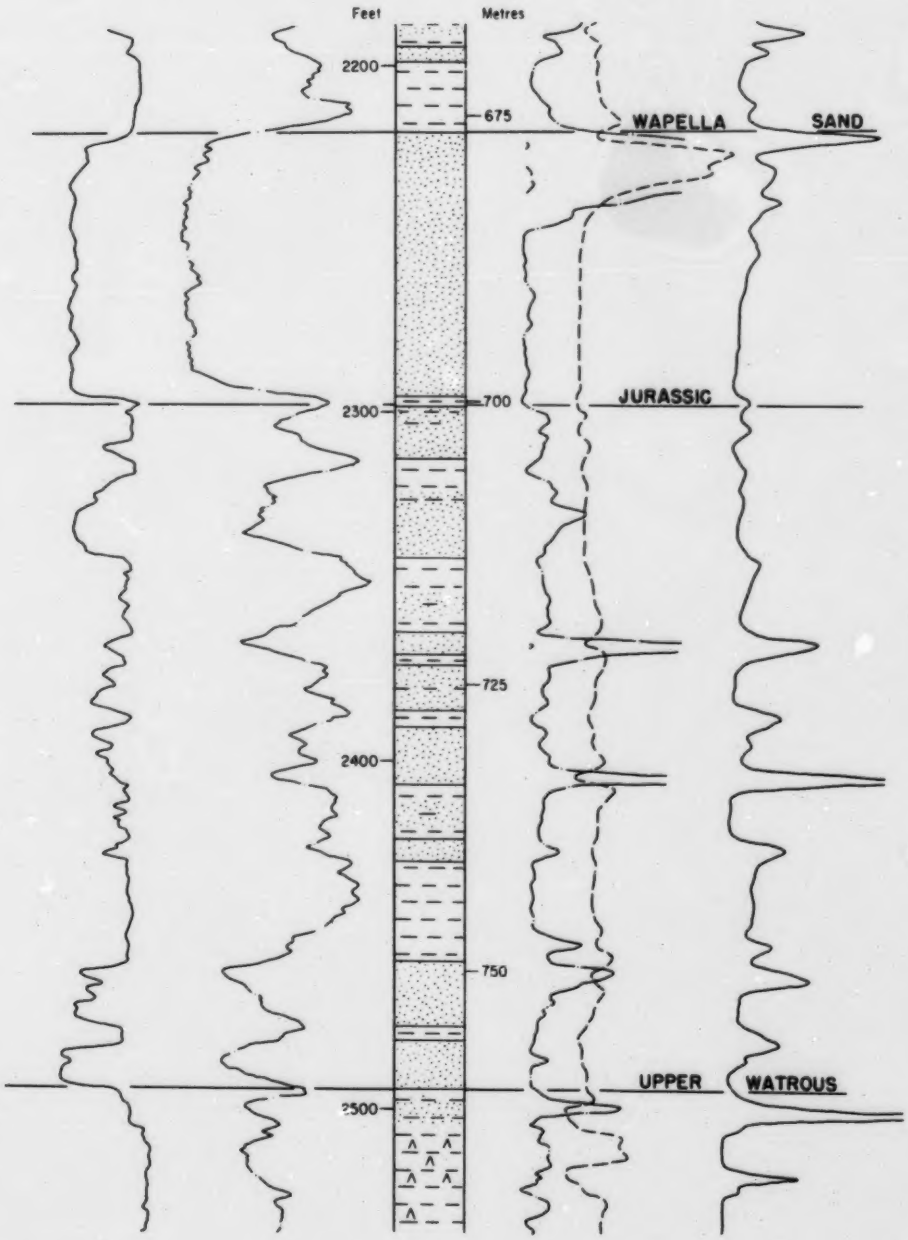
PRODUCING HORIZON : ALIDA BEDS



TIDEWATER WAPELLA 6-33

6-33-14-1-W2

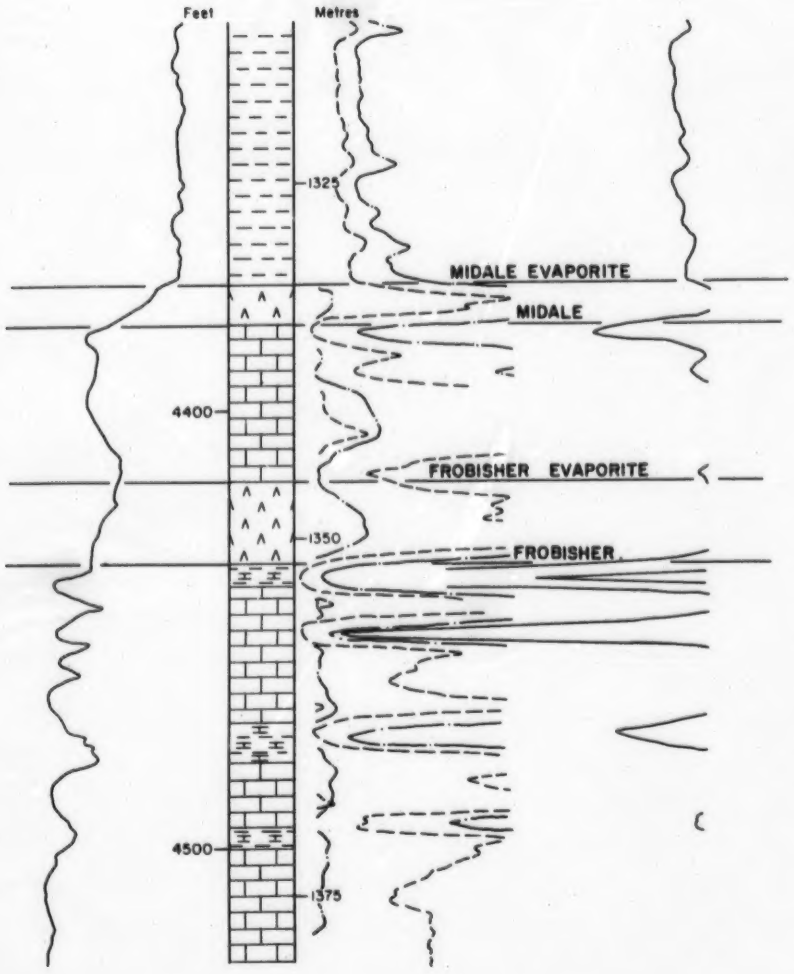
PRODUCING HORIZONS : WAPELLA AND JURASSIC SANDS



PHOENIX et al STEELMAN 5-24-5-6

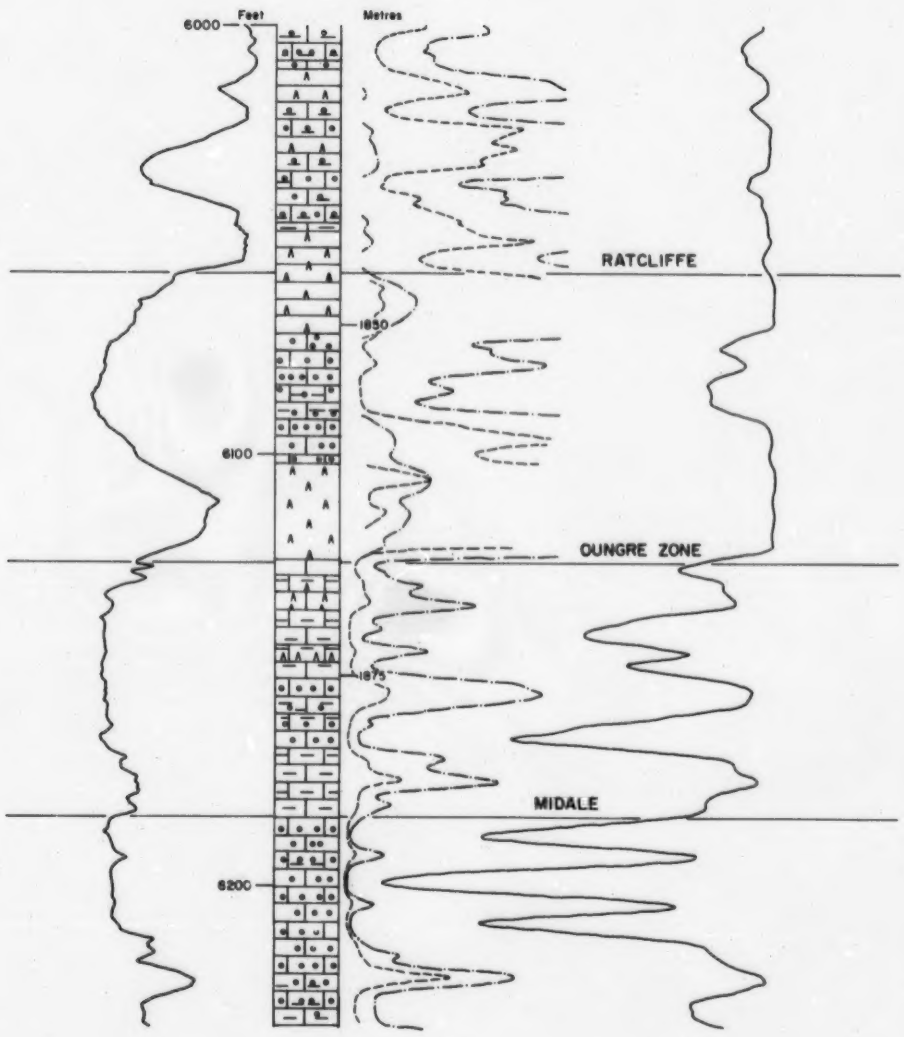
5-24-5-6-W2

PRODUCING HORIZONS : MIDALE AND FROBISHER BEDS



ARC ET AL OUNGRE 9-24-2-15

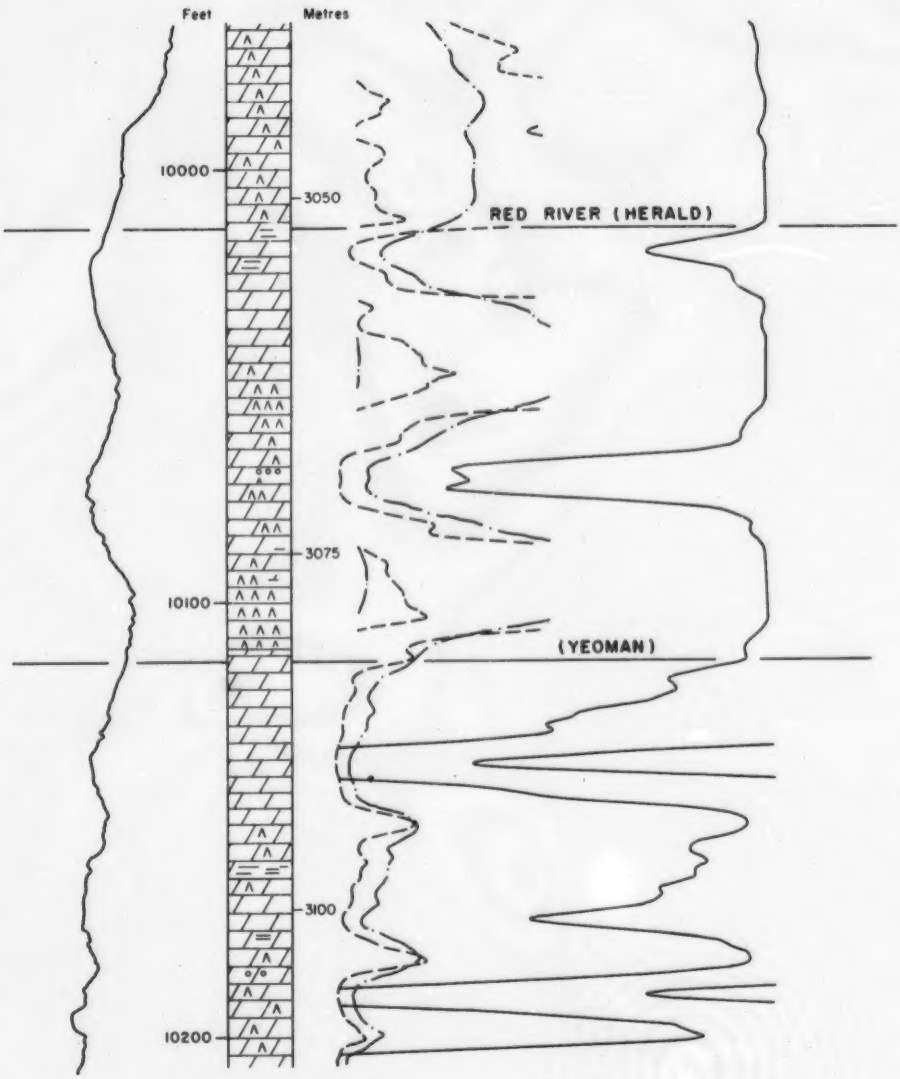
PRODUCING HORIZON : RATCLIFFE BEDS



C.D.R. S LAKE ALMA 1-14-1-17

1-14-1-17-W2

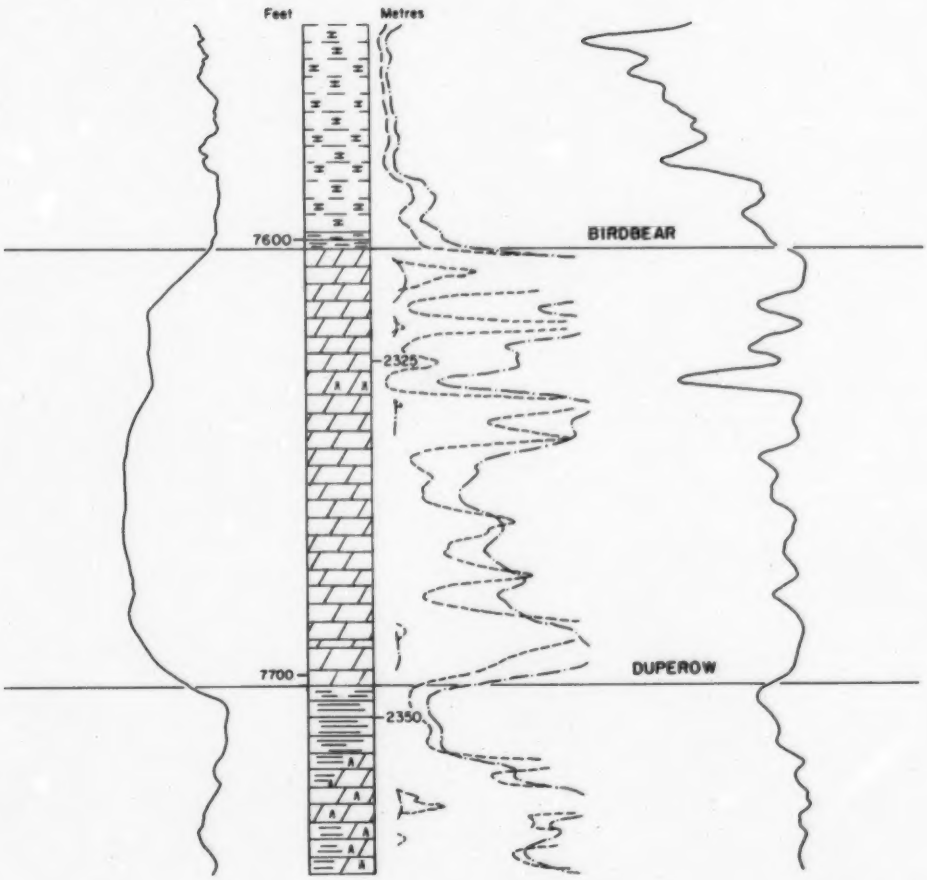
PRODUCING HORIZON : RED RIVER FORMATION



NORTHROCK HUMMINGBIRD 11-26-2-19

11-26-2-19-W2

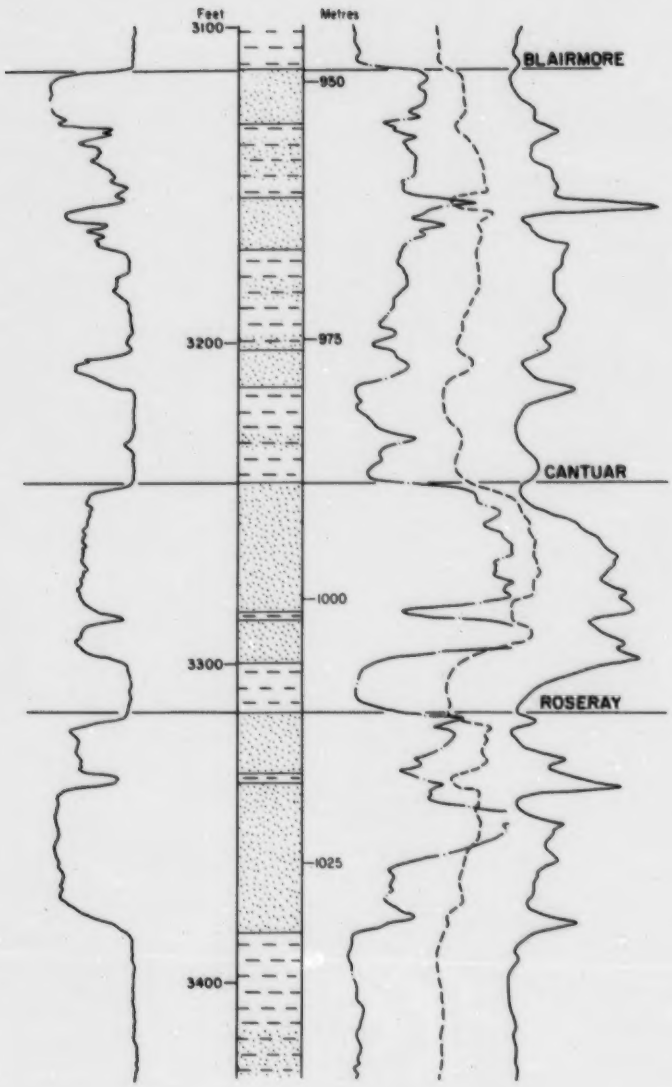
PRODUCING HORIZON : BIRDBEAR FORMATION



SASKOIL M.U.S. CANTUAR 5-2-16-17

5-2-16-17-W3

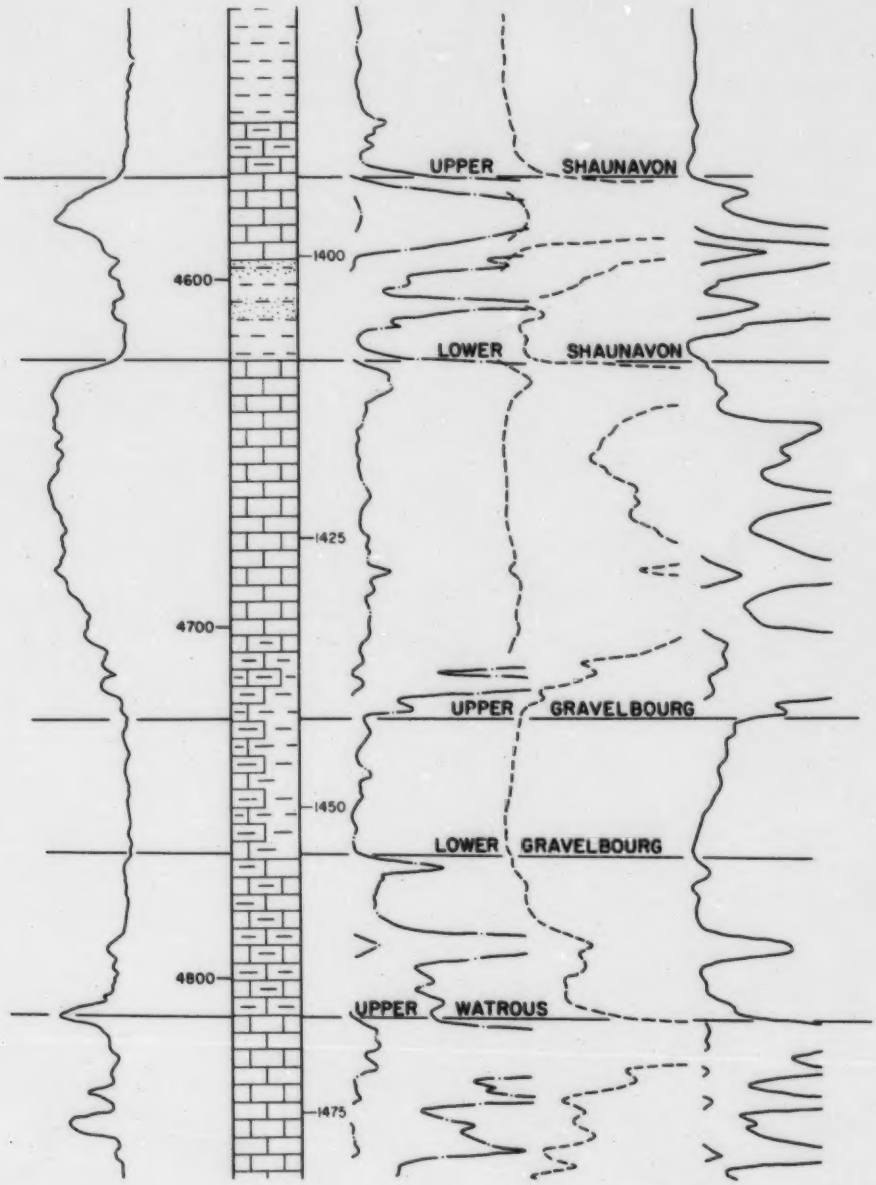
PRODUCING HORIZONS : CANTUAR AND ROSERAY SANDS



TIDEWATER INSTOW CROWN 11-33

11-33-9-18-W3

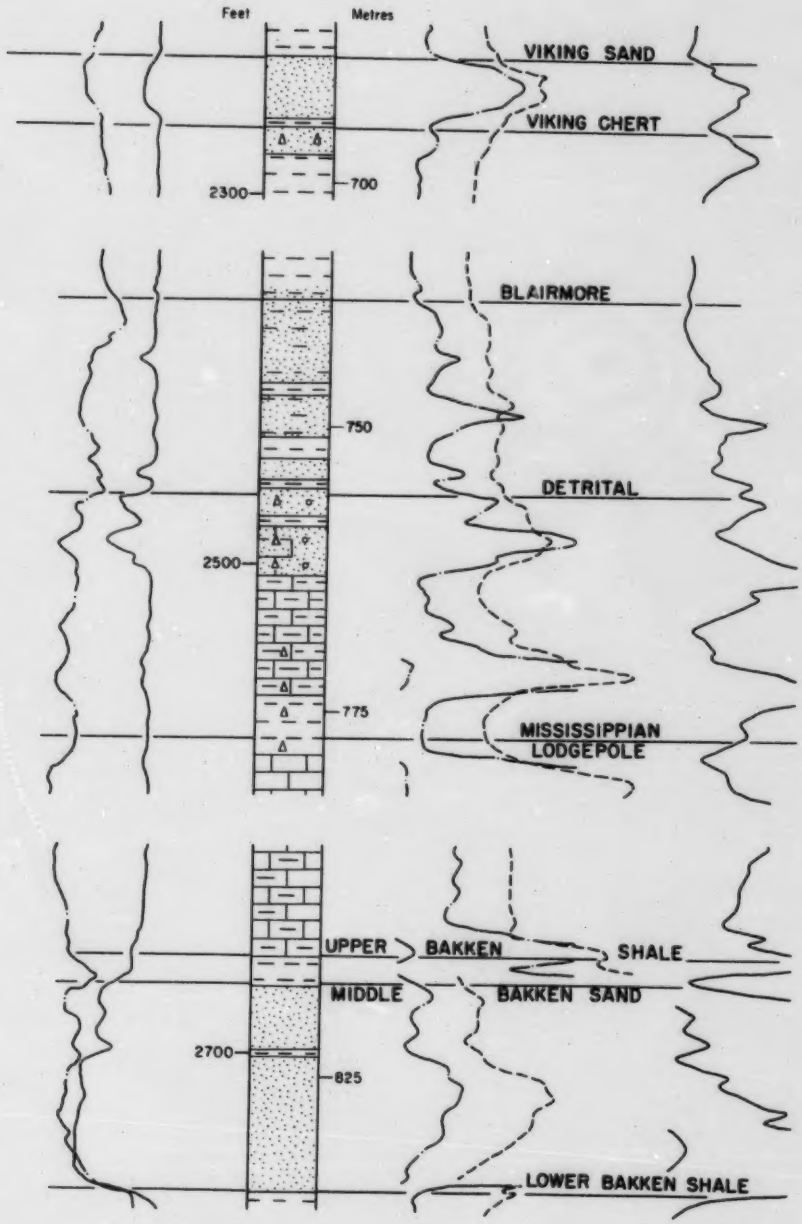
PRODUCING HORIZONS : UPPER AND LOWER SHAUNAVON FORMATIONS



COLEVILLE UNIT 5-30-31-23

5-30-31-23-W3

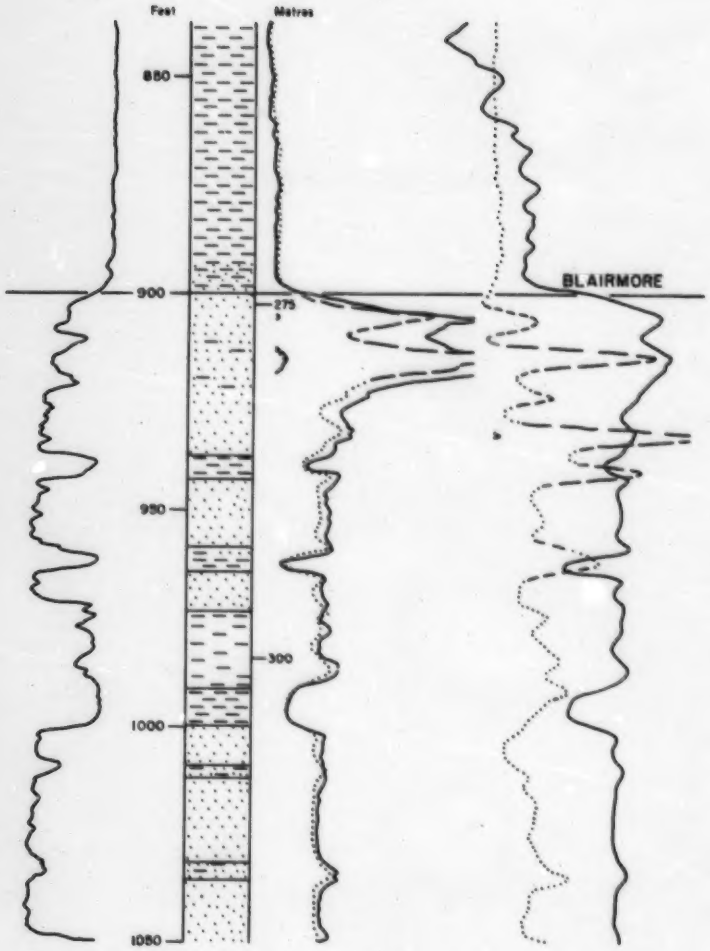
PRODUCING HORIZONS : VIKING AND MIDDLE BAKKEN SANDS



TRANSGAS BEACON HILL 10-17-61-24

10-17-61-24-W3

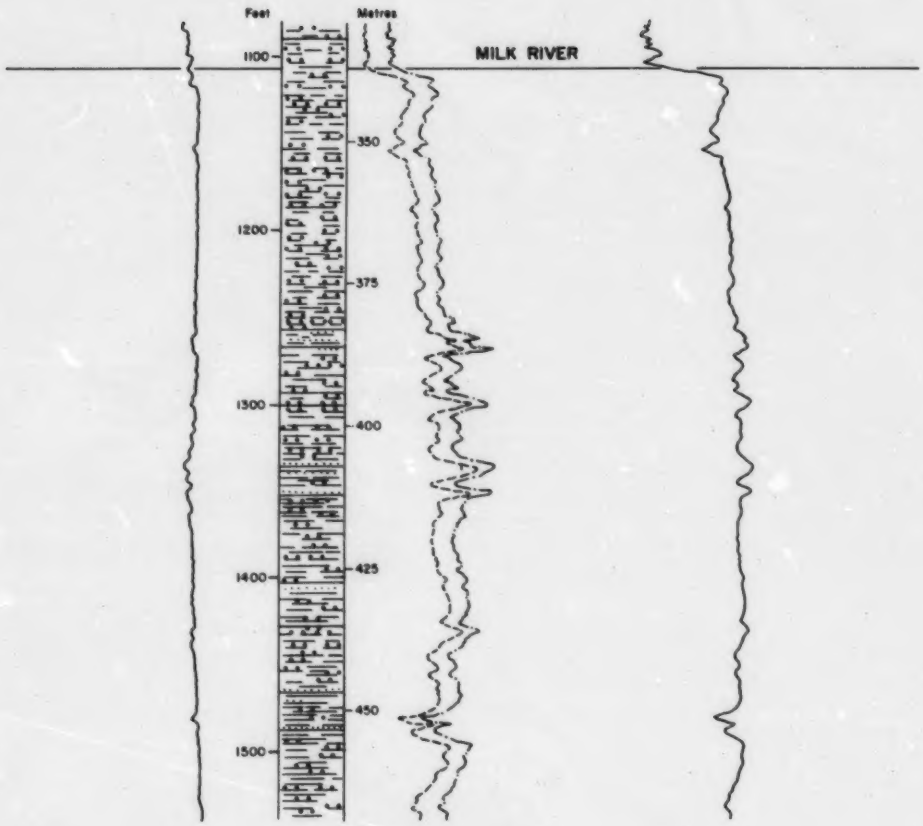
PRODUCING HORIZON : BLAIRMORE



ENRON ET AL INGEBRIGT 11-21-17-25

11-21-17-25-W3

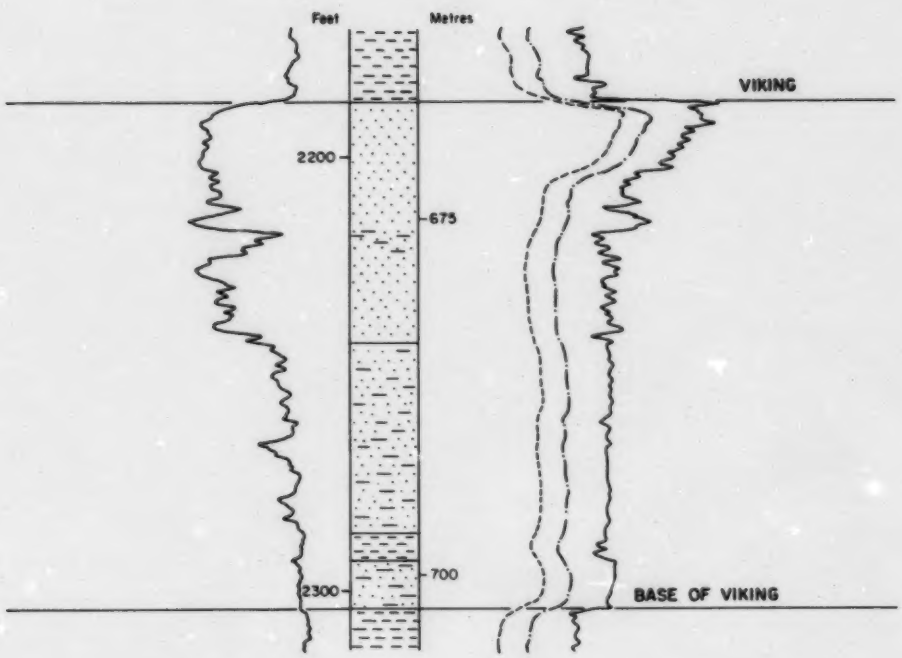
PRODUCING HORIZON : MILK RIVER SAND



IMP BAYHURST 11-19V-24-25

11-19-24-25-W3

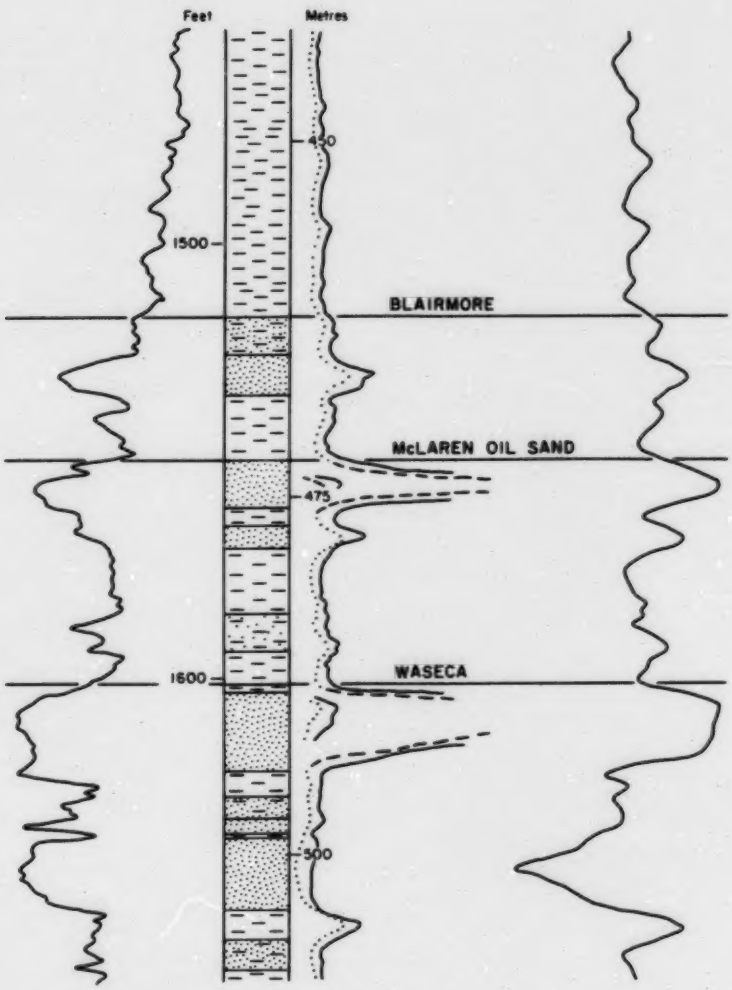
PRODUCING HORIZON : VIKING SAND



HUSKY BIG GULLY C6-27-49-25

C6-27-49-25-W3

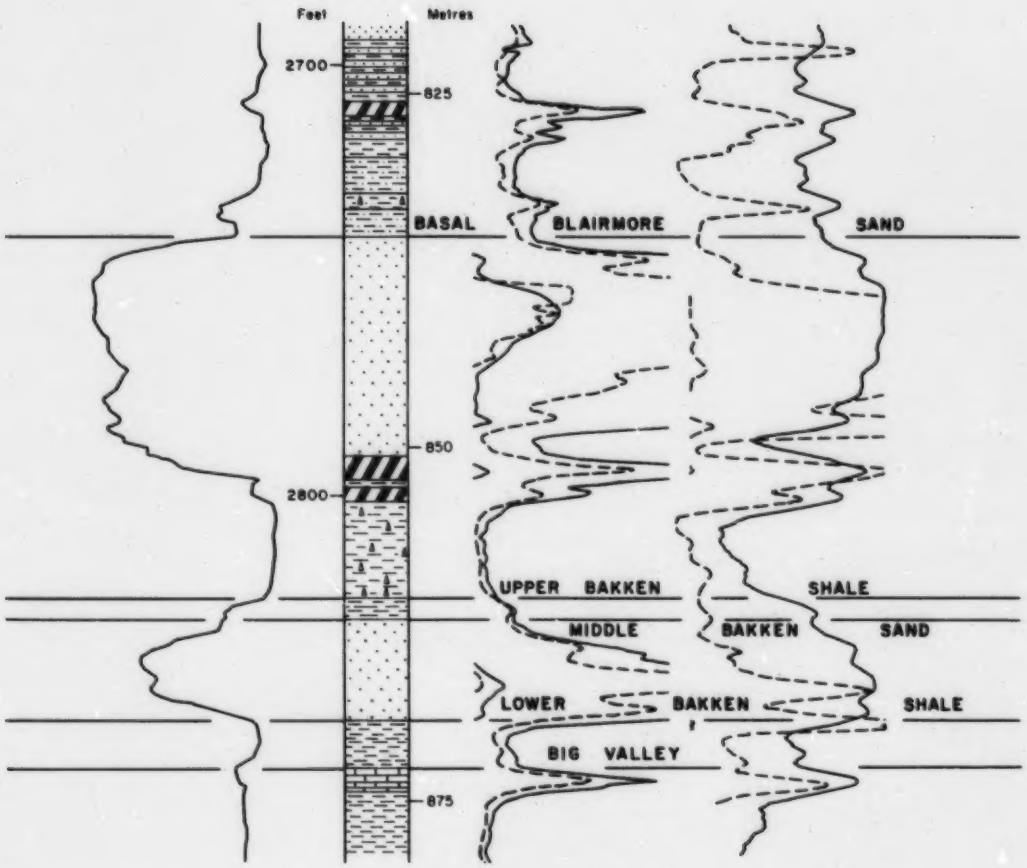
PRODUCING HORIZONS : McLAREN AND WASECA SANDS



FRASER NORTH HOOSIER VU 6-14-32-27

6-14-32-27-W3

PRODUCING HORIZON : BASAL BLAIRMORE

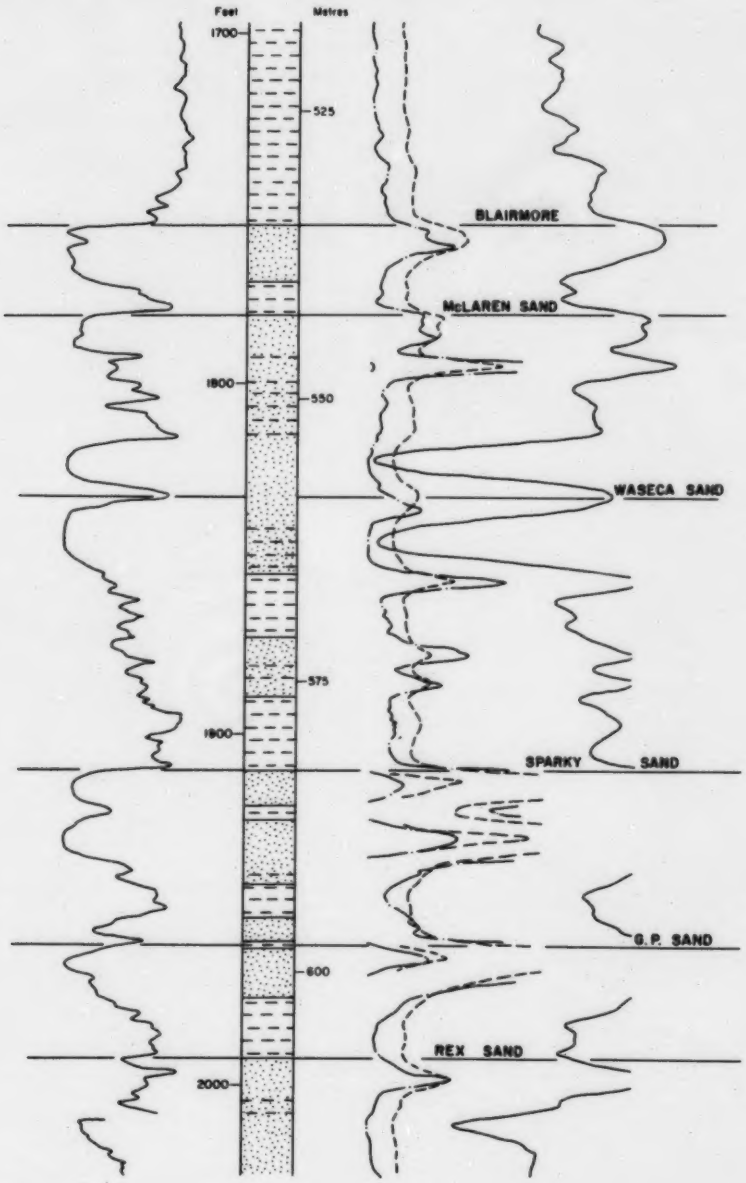


PVR EPPING A14-30-47-27

14-30-47-27-W3

PRODUCING HORIZONS : SPARKY & G.P. SANDS

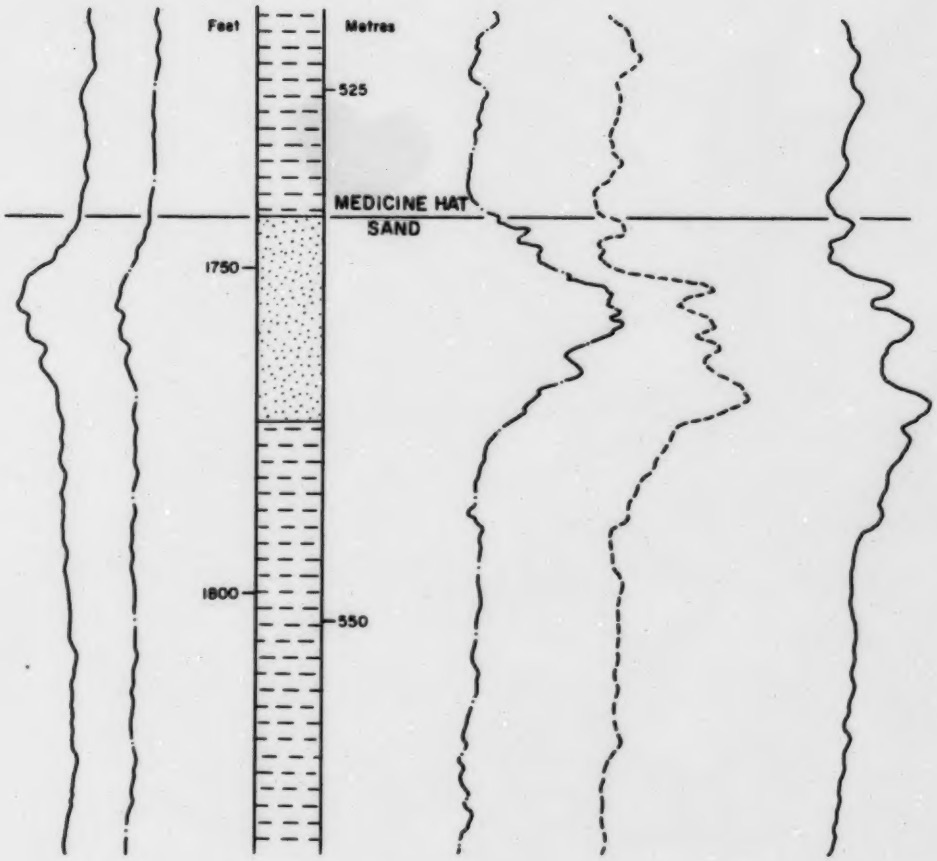
PRODUCING HORIZONS : SPARKY & G.P. SANDS



N C O HORSHAM 10-7-16-29

10-7-16-29-W3

PRODUCING HORIZON : MEDICINE HAT SAND



POOL PRESSURE DATA

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Aberfeldy G.P. Sand	+67.2				
Aberfeldy Sparky Sand	+80.8				
Alameda Midale Beds:					
(Central Group)	792.5	7.24	57	15.39	10.64 MPa @ 57°C
(East Group)	746.8	7.24	57	15.27	10.80 MPa @ 57°C
Alameda West Frobisher Beds	786.6				
Alameda West Midale Beds	765.5				
Alida East Frobisher-Alida Beds	536.4	7.67	44	10.47	10.47 MPa @ 43°C
Alida North Alida Beds	564.8				
Alida West Frobisher-Alida Beds	545.6	7.67	45	10.54	10.54 MPa @ 45°C
Alsask Basal Mannville Sand	91.4	9.27	33		
Antelope Lake East Roseray Sand	235.6				
Antelope Lake Upper Shaunavon	300.2	8.82	49	10.00	
Arcola Frobisher-Alida Beds	570.0	8.37	53	11.00	8.77 MPa @ 53°C
Arcola North Alida Beds	538.0				
Auburnton Frobisher-Alida Beds	607.7				
Avon Hill Viking	13.7	8.37	23	6.72	
Baldwinton Sparky Sand	+43.7				
Battle Creek Madison	437.7				
Battle Creek South Upper Shaunavon	385.9				
Battle Creek Upper Shaunavon	375.7				
Battrum East Roseray Sand	193.4				
Battrum North Roseray Sand	172.4				
Battrum Roseray Sand	179.8	8.82	46	8.56	1.39 MPa @ 43°C
Bellegarde Tilston Beds	455.6				
Bench Upper Shaunavon	438.9	8.82		12.45	
Bender South Tilston Beds	467.9				
Bennett Lake Alida Beds	503.0		52		
Benson East Midale Beds	721.2				
Benson Frobisher Beds	741.8				
Benson Midale Beds	754.4	7.92	68	14.38	
Beverley Cantuar Sand	243.8	9.05	48	9.11	9.11 MPa @ 48°C
Beverley East Cantuar Sand	232.3				
Beverley North Cantuar Sand	232.9				
Beverley Roseray Sand	246.9	8.78			
Bienfait Midale Beds	1005.7				
Big Gully McLaren Sand	+141.7				
Big Gully North Lloydminster Sand	+60.4				
Big Gully Waseca Sand	+125.0				
Bone Creek Upper Shaunavon	464.8	8.60	48	12.27	4.78 MPa @ 49°C
Bromhead Midale Beds	1098.0	8.60		17.65	
Browning Frobisher-Alida Beds	682.8	7.24	59	12.55	
Bryant Frobisher Beds	836.2				
Bryant Midale Beds	807.4				
Buffalo Coulee Bakken Sand	108.2	9.66	26		2.21 MPa @ 26°C
Buffalo Coulee North Bakken Sand	93.0				
Butte Upper Shaunavon	417.6	8.82	49	12.37	1.23 MPa @ 49°C
Butte West Upper Shaunavon	387.2				
Buzzard Lloydminster Sand	+38.4				
Cactus Lake Basal Mannville Bakken Sand	97.1				
Cactus Lake North McLaren Sand	42.0		29		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Cantal Frobisher-Alida Beds	579.1	6.79	47	10.87	10.85 MPa @ 47°C
Cantal South Frobisher-Alida Beds	579.1				
Cantuar East Cantuar Sand	228.6	8.60	51		
Cantuar East Roseray Sand	228.6	8.60	51		
Cantuar Roseray Sand	228.6	8.78	51	9.10	9.10 MPa @ 52°C
Cantuar Main Cantuar Sand	227.1	8.78	51	8.95	8.95 MPa @ 52°C
Cantuar North Roseray Sand	238.8				
Carnduff Frobisher Beds	752.9	7.24	59	12.98	
Carnduff Midale Beds	723.9	7.24	58	15.17	
Celtic G.P. Sand	+108.5				
Celtic Sparky Sand	+118.9				
Celtic Waseca Sand	+140.2				
Chambery Upper Shaunavon	488.7				
Clarilaw Frobisher-Alida Beds	623.3	7.24	58	11.78	
Clarilaw West Frobisher-Alida Beds	619.7				
Clintonville Shaunavon	456.8				
Coleville Bakken Sand	109.7	9.50			
Coleville Mannville Sand	54.9				
Coleville South Bakken Sand	127.4				
Coleville South Mannville Sand	68.1				
Colgate Midale Beds	902.4				
Coothill Red Jacket Sand	136.0	9.10	27	5.42	
Cosine Lake Lloydminster Sand	100.6				
Court Bakken Sand	129.8				
Covington Upper Shaunavon	416.1	8.82	52	11.94	3.52 MPa @ 51°C
Covington West Upper Shaunavon	417.6	8.82			
Crystal Hill Souris Valley Beds	434.3	8.37		9.19	
Dalesboro Frobisher-Alida Beds	670.6	8.37	56	12.00	
Dalesboro North Frobisher-Alida Beds	654.0	8.37	47	11.96	
Dee Valley East Sparky Sand	+79.2				
Dee Valley East Waseca Sand	+102.1				
Dee Valley Waseca Sand	103.6				
Delta Upper Shaunavon	306.3	8.82	46	10.57	7.46 MPa @ 47°C
Dodsland Viking Sand	+4.6	7.99	23	6.41	6.41 MPa @ 23°C
Dollard Lower Shaunavon	459.6				
Dollard Upper Shaunavon	434.3	8.60	59	11.80	6.32 MPa @ 60°C
Druid Mannville Sands	59.0				
Dulwich North Sparky Sand	+86.9				
Dulwich Sparky Sand	+79.2				
Ear Lake Waseca Sand	+12.3				
Eastbrook Shaunavon	461.8	9.05	54	15.70	
Eastend Shaunavon	470.3				
Edam North Waseca Sand	+121.3				
Edam Waseca Sand	+119.2				
Edam West Sparky/G.P. Sand	+92.7				
Edam West Waseca Sand	+115.6				
Edenvale Tilston Beds	533.4	7.69	43		
Elmore Frobisher Beds	701.0	7.92	52	12.05	6.83 MPa @ 51°C
Elmore Midale Beds	685.8	7.69	52	14.33	
Elswick East Midale Beds	953.0	7.92	59	14.27	
Elswick Midale Beds	949.0	7.92	59		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Epping G.P. Sand	+57.9				
Epping South Sparky Sand	+59.7				
Epping Sparky Sand	+67.1				
Eureka Viking	18.3	7.99	23	6.12	4.43 MPa @ 26°C
Evesham North McLaren Sand	+2.0				
Evesham North Sparky Sand	32.4				
Evesham Sparky Sand	33.2				
Eyehill Cummings-Dina Sand	89.9				
Eyehill North Cummings Sand	86.4				
Eyehill North Sparky Sand	30.2				
Fertile Tilston Beds	437.0				
Fertile Tilston-Souris Valley Beds	434.4				
Flat Lake Ratcliffe Beds	1271.0	8.37	73	20.15	9.80 MPa @ 81°C
Florence Frobisher Beds	789.4	8.37	57	13.28	
Forest Bank Mannville Sands	+115.8				
Forest Bank Sparky Sand	+99.1				
Forest Bank Waseca Sand	+120.4				
Forgan Viking Sand	9.2				
Fosterton Roseray Sand:					
Middle (II) Roseray Sand	221.0	8.82	52	9.10	
Lower (I) Roseray Sand	221.0	8.82	52	9.10	
Northwest Group	218.5	8.82	52		
Fosterton South Cantuar Sand	225.3				
Fosterton South Roseray Sand	229.6				
Freda Lake Ratcliffe Beds	960.1	8.37		18.56	
Freemont Sparky Sand	+43.8				
Freemont Waseca Sand	+62.5				
Freestone Frobisher-Alida Beds	570.0	7.92	54	11.29	
Frys East Tilston-Souris Valley Beds	395.4				
Frys Tilston-Souris Valley Beds	402.3	8.37			
Furness Sparky Sand	+73.2				
Fusilier Bakken Sand	121.9	9.27			
Gainsborough Frobisher-Alida Beds	579.1	7.24	44		
Gainsborough North Frobisher-Alida Beds	572.2				
Gainsborough West Frobisher-Alida Beds	614.5		47	11.28	
Glen Ewen Frobisher Beds	751.3	7.24	56		
Glen Ewen Midale Beds	728.5	7.24	56	15.17	
Golden Lake North Sparky Sand	+96.0				
Golden Lake North Waseca Sand	+121.9				
Golden Lake South Sparky Sand	+96.0				
Golden Lake South Waseca Sand	+115.8				
Griffin Frobisher Beds	690.4	8.60	62		
Griffin North Frobisher Beds	662.3				
Gull Lake Basal Cantuar Sand	300.2	8.82	47		8.79 MPa @ 47°C
Gull Lake Central Upper Shaunavon	387.1	8.82	51		
Gull Lake North Upper Shaunavon	365.8	8.82	48	11.11	1.10 MPa @ 46°C
Gull Lake South Upper Shaunavon	402.3	8.82	52	11.71	
Gully Lake Waseca Sand	+103.6				
Handsworth Alida Beds	536.4	8.60	51	10.99	
Hartaven Frobisher-Alida Beds	577.6	8.60	56	11.58	
Hastings East Frobisher Beds	598.7				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Hastings Frobisher Beds	643.1	6.79	49	11.65	11.65 MPa @ 50°C
Hastings West Frobisher Beds	668.5				
Hazelwood Central Tilston Beds	440.0				
Hazelwood South Tilston Beds	437.0				
Hazelwood Tilston Beds	425.2	8.37	43	9.53	
Hazelwood West Tilston Beds	428.7				
Hazlet Roseray Sand	205.7	9.05	47	9.13	5.60 MPa @ 47°C
Hearts Hill Bakken Sand	64.9				
Hillmond G.P. Sand	+102.0				
Hillmond Sparky Sand	+108.8				
Hoffer Ratcliffe Beds (Lower)	1248.2	8.60		19.47	
Hoffer Ratcliffe Beds (Upper)	1231.4	8.60		19.33	
Hoosier Bakken Sand	150.9	9.50			
Hume Frobisher Beds	739.1	8.60	64	13.21	
Hume Midale Beds	723.9	8.60		14.23	
Hummingbird Bakken Sand	1488.0				
Hummingbird Birdbear	1585.0	8.14	82	23.16	8.09 MPa @ 82°C
Hummingbird Ratcliffe Beds	1155.2	8.60	71	18.70	6.03 MPa @ 71°C
Huntoon Frobisher Beds	754.4	8.60	61		
Huntoon Midale Beds	737.6	8.60	55		
Illerbrun Upper Shaunavon	414.5	8.82	49	11.86	3.15 MPa @ 49°C
Ingoldsby East Alida Beds	541.0	8.94	46	9.42	
Ingoldsby Frobisher-Alida Beds	548.6	7.89	46	10.51	4.81 MPa @ 45°C
Ingoldsby West Frobisher-Alida Beds	659.6				
Innes Frobisher Beds	719.3	8.60	63	12.98	7.78 MPa @ 61°C
Instow Upper Shaunavon	464.8	8.60	48	12.27	4.78 MPa @ 49°C
Java Cantuar Sand	242.3				
Johnston Upper Shaunavon	371.9	8.82	48	9.24	
Kennedy Souris Valley Beds	419.8				
Kenosee Tilston Beds	426.7	7.92	46	9.38	
Kerrobert Viking Sand	3.0				
Kisbey Birdbear	1018.3				
Kisbey Frobisher-Alida Beds	587.8				
Lake Alma Ratcliffe Beds	1268.0	8.37	67	20.27	
Landrose McLaren Sand	+144.8				
Landrose Waseca Sand	+129.5				
Lashburn South Sparky Sand	+93.7				
Lashburn South Waseca Sand	+117.3				
Lashburn Waseca Sand	+126.5				
Lashburn West Sparky Sand	+81.4				
Leitchville Shaunavon	452.6	8.60	50	12.51	4.78 MPa @ 49°C
Leon Lake Shaunavon	457.2	8.60	52	10.69	5.52 MPa @ 41°C
Lightning Tilston Beds	449.6	7.92	46	9.39	
Lloydminster Sparky Sand	+83.8				
Lone Rock Sparky Sand	+71.6				
Long Lake Waseca Sand	+29.0		26		
Lost Horse Hill Frobisher-Alida Beds	559.3	8.14	57	11.40	3.36 MPa @ 55°C
Lougheed Midale Beds	807.7	8.14	61		
Loverna Success	126.5	8.60			
Low Lake Waseca Sand	+111.3				
Lucky Hills Viking	7.6	8.37			

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH ℃	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Luseland Bakken Sand	44.9				
Macklin Sparky Sand	39.6				
Macoun Midale Beds	946.4	8.82	63		9.32 MPa @ 63℃
Macoun West Midale Beds	978.3				
Macoun Winnipegosis	1838.8				
Maidstone McLaren Sand	+126.1				
Maidstone Waseca Sand	+113.4				
Main Success Roseray Sand	225.6	8.60	50	9.06	8.67 MPa @ 59℃
Manito Lake East McLaren Sand	+63.4				
Manito Lake Sparky Sand	+27.7				
Manor Lower Watrous-Alida Beds	572.0	7.69	44	10.50	
Marsden North Sparky Sand	+37.0		20		
Marsden South Sparky Sand	+31.7				
Marsden Sparky Sand	+36.1				
Melrose Frobisher-Alida Beds	551.7	8.14	54		
Midale Central Frobisher Beds	786.4	7.69	63	14.31	5.24 MPa @ 57℃
Midale Central Midale Beds	800.1	7.92	63	14.31	6.09 MPa @ 63℃
Minard Midale Beds	738.5				
Moose Mountain Tilston Beds	435.9	8.48	46	9.45	3.14 MPa @ 41℃
Moose Valley South Tilston Beds	461.4				
Moose Valley Tilston Beds	428.2	8.60			
Moosomin Red Jacket Sand	40.0	9.94	22	4.71	
Morrisview Frobisher-Alida Beds	661.4	8.37	48	12.37	
Neilburg McLaren Sand	+103.9				
Neptune North Midale Beds	889.8				
Neptune Ratcliffe Beds	1034.8	8.37			
North Antler Midale Beds	658.4	8.14	56	13.98	
Northgate Frobisher Beds	1033.3	8.14	63		
Northgate Midale Beds	1021.1	7.24	71	18.03	14.48 MPa @ 70℃
North Handsworth Alida Beds	538.0	8.60	55	11.08	
North Hoosier Bakken Sand	135.3	9.50	31	7.74	7.79 MPa @ 31℃
North Hoosier Basal Mannville Sand	120.4	9.34	29	5.85	
Northminster North G.P. Sand	+83.2				
Northminster North Sparky Sand	+94.1				
Northminster Sparky Sand	+91.4				
North Portal Midale Beds	1053.2				
North Premier Roseray Sand	228.6	8.60	47	9.25	3.12 MPa @ 47℃
North Premier Upper Shaunavon	310.9	8.82	57	10.31	0.89 MPa @ 49℃
North Smiley Bakken Sand	97.0				
Nottingham Alida Beds	548.6	7.15	43	10.60	10.66 MPa @ 44℃
Notukeu Upper Shaunavon	461.2				
Oakley Frobisher Beds	582.2	6.72	46	10.95	10.95 MPa @ 47℃
Onward Basal Mannville Sand	103.0		29		
Openshaw Frobisher Beds	897.1				
Oungre Ratcliffe Beds	1188.7	8.14	70	18.96	8.07 MPa @ 74℃
Parkman Souris Valley Beds	416.1	8.37	49	9.09	
Parkman South Tilston-Souris Valley Beds	455.7	8.23	38	9.45	
Parkman Tilston Beds	442.0	7.92	43	9.51	2.79 MPa @ 43℃
Parkman Tilston-Souris Valley Beds	402.3	7.92	38	9.10	2.41 MPa @ 38℃
Pennant Upper Shaunavon	265.2	9.05			
Pikes Peak G.P. Sand	+81.0				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH ℃	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Pikes Peak Sparky Sand	+91.4				
Pikes Peak Waseca Sand	+123.4				
Pinto Frobisher Beds	1036.3	7.01	66	16.55	
Pinto Midale Beds	1024.1	7.01	70	17.24	13.85 MPa @ 70℃
Plato North Viking Sand	20.8				
Plato Viking Sand	9.1	8.37	24	6.89	3.28 MPa @ 21℃
Plenty Viking Sand	+2.7				
Plover Lake Bakken Sand	86.6				
Plover Lake McLaren Sand	32.6				
Prairiedale Viking Sand	22.1				
Queensdale East Frobisher-Alida Beds	573.0	5.78	47	10.84	7.72 MPa @ 46℃
Queensdale North Alida Beds	588.3	7.58	49	10.85	
Queensdale West Alida Beds	600.5	7.58	48	11.25	11.24 MPa @ 48℃
Ralph Midale Beds	723.9	7.92			
Ralph West Midale Beds	730.7				
Rapdan Upper Shaunavon	449.6	8.60	49	13.72	5.61 MPa @ 56℃
Rapdan West Shaunavon	471.0				
Red Jacket Gravelbourg	153.7				
Red Jacket	82.7				
Rocanville Bakken Sand	160.0	8.37	27	6.23	
Roncott Bakken Sand	1121.7	8.08	59		2.05 MPa @ 52℃
Rosebank Alida Beds	536.4	7.19	44	10.49	
Rosebank South Alida Beds	533.4	7.46	43		
Rush Lake Sparky Sand	+88.3				
Rush Lake Waseca Sand	+113.9				
Salt Lake Lloydminster Sand	56.2				
Senlac Cummings-Dina Sand	76.0		29		
Senlac Lloydminster Sand	78.2				
Senlac Waseca Sand	+3.0		26		
Sherwood Frobisher Beds	701.0	7.92	56	12.27	8.76 MPa @ 56℃
Silverdale Sparky Sand	+68.6				
Silverton Frobisher Beds	618.7	8.37	49		
Skinner Lake Ratcliffe Beds	1008.9	8.37			
Smiley Dewar Viking	15.2	7.99	23	6.47	6.36 MPa @ 22℃
Smiley Dewar Viking Chert	18.3	7.99	23	6.49	
Souris Flat Frobisher Beds	789.4	8.28	59	13.34	11.82MPa @ 59℃
Souris Flat South Frobisher Beds	850.4				
South Fletwode Tilston Beds	429.8	7.92	44	9.45	
South Success Roseray Sand	231.0	8.60	51	8.96	8.96 MPa @ 53℃
Standard Hill Waseca Sand	+109.7				
Star Valley Frobisher-Alida Beds	536.4	7.46	52	10.82	8.61 MPa @ 52℃
Star Valley South Frobisher-Alida Beds	562.0				
Steelman Frobisher Beds	853.4	7.01	67	14.36	
Steelman Midale Beds	853.4	7.01	67	14.34	14.34 MPa @ 63℃
Storthoaks Alida Beds	493.8	7.92	38	9.80	8.09 MPa @ 42℃
Stoughton Frobisher-Alida Beds	644.7	7.46	61	12.07	8.09 MPa @ 62℃
Stoughton South Frobisher Beds	647.7	7.46		14.13	
Success North Roseray Sand	236.9				
Success Roseray Sand Alpha	219.5	8.60	51	8.76	7.86 MPa @ 51℃
Suffield Roseray Sand	259.1	8.60	52	12.98	7.41 MPa @ 44℃
Suffield Upper Shaunavon	318.5	8.82	50	10.82	

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Tableland Winnipegosis	2029.9				
Tangleflags East McLaren Sand	+139.6				
Tangleflags G.P. Sand	+100.6				
Tangleflags Lloydminster Sand	+61.0				
Tangleflags McLaren Sand	+141.4				
Tangleflags North G.P. Sand	+99.1				
Tangleflags North Lloyd/Cummings Sand	+57.7				
Tangleflags Sparky Sand	+109.7				
Tangleflags West G.P. Sand	+102.9				
Tangleflags West Lloydminster Sand	+62.4				
Tangleflags West McLaren Sand	+146.8				
Tangleflags West Sparky Sand	+113.5				
Tatagwa Central Midale Beds	852.0	8.60	57	15.45	
Tatagwa Midale Beds	857.4				
Tatagwa North Midale Beds	817.4				
Tatagwa West Midale Beds	862.1				
Union Jack Midale Beds	722.1				
Verendrye Viking Sand	22.0				
Verlo Roseray Sand	213.4	8.82	52	9.14	9.24 MPa @ 39°C
Viewfield Frobisher Beds	670.6	8.69	65	12.22	9.03 MPa @ 65°C
Viewfield Rim	642.0	7.35	64		
View Hill Midale Beds	957.1	8.75	76	15.69	
Wapella Sand	76.2	8.37	32	5.25	0.34 MPa @ 29°C
Warmley Alida Beds	496.2	8.37	54	10.15	
Wauchope Alida-Tilston Beds	524.1				
Wauchope North Tilston Beds	458.3				
Wauchope West Alida Beds	549.1				
Weir Hill Frobisher Beds	762.0	7.24			
Welwyn Bakken Sand	180.6				
Westhazel G.P. Sand	+90.1				
Westhazel Sparky Sand	+103.8				
West Innes Frobisher Beds	722.4	8.60	64	13.07	
West Kingsford Midale Beds	876.3	7.01	67	14.82	9.40 MPa @ 67°C
Weyburn Frobisher Beds	807.7	8.14	61		
Weyburn Midale Beds	807.7	8.14	61	14.60	
White Bear Tilston Beds	445.0	7.92	43	9.74	
White Bear Tilston-Souris Valley Beds	457.2	8.37	39	9.47	2.41 MPa @ 39°C
Whitemud Shaunavon	469.4	9.05	54	13.79	5.52 MPa @ 41°C
Whiteside Viking Sand	36.6	7.92	24	6.38	
Wildwood Alida Beds	582.2	8.37	48	10.77	
Willmar Frobisher Alida Beds	661.4	7.24	54	11.87	11.32 MPa @ 53°C
Winmore Frobisher Beds	641.6	8.60		11.23	
Winter Cummings Sand	36.9				
Wordsworth Frobisher-Alida Beds	650.0				
Workman Frobisher Beds	701.0	7.69	54	12.27	6.55 MPa @ 59°C
Workman Midale Beds	685.8	7.24	54	14.75	7.64 MPa @ 53°C

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILITY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Barthel Colony Sand Gas Pool	+352.1	14	0.957	2 106
Bayhurst Viking Gas Pool	+9.1	25	0.894	6 700
Bayhurst West Viking Gas Pool	-3	28	0.891	6 720
Beacon Hill Mannville Sand Gas Pool	+256.0	21	0.955	2 170
Beacon Hill South Mannville Sand Gas Pool	+261.7	21	0.955	2 170
Beacon Hill West Mannville Sand Gas Pool	+241.7	21	0.952	2 351
Bear Creek Mannville Sand Gas Pool	+262.6	14	0.956	2 110
Beverley East Cantuar Gas Pool	+170.0	46	0.891	9 650
Bigstick Second White Specks Gas Pool	+101.2	26	0.895	6 105
Branch Lake Colony Sand Gas Pool	+230.2	15	0.953	2 307
Brock East Viking Gas Pool	-7.6	29	0.865	7 060
Brock Viking Sand Gas Pool	-3.0	28	0.896	6 690
Bronson Lake Colony Sand Gas Pool	+197.7	16	0.952	2 706
Bronson Lake Waseca Sand Gas Pool	+183.6	17	0.941	2 846
Burstall Medicine Hat Sand Gas Pool	+231.5	17	0.915	4 309
Burstall Milk River Gas Pool	+278.8	16	0.900	3 447
Burstall North Viking Sand Gas	-11.0	27	0.873	7 782
Carruthers Colony Sand Gas Pool	+118.8	15	0.934	3 554
Cavalier Spinney Hill Sand Gas Pool	+162.1	18	0.946	3 140
Cold Lake Colony Sand Gas Pool	+295.2	13	0.959	1 951
Coleville-Smiley Viking Sand Gas Pool	+12.2	24	0.868	6 480
Consul Second White Specks Gas Pool	+115.3	29	0.898	6 681
Consul Upper Shaunavon Gas Pool	-330.0	49	0.811	12 976
Crane Lake Medicine Hat Sand Gas Pool	+211.9	17	0.915	4 309
Crane Lake Milk River Gas Pool	+308.7	15	0.920	3 585
Crane Lake South Medicine Hat Sand Gas Pool	+208.5	17	0.915	4 309
Crane Lake South Milk River Gas Pool	+264.2	15	0.920	3 532
Crane Lake South Second White Specks Gas Pool	+56.1	27	0.862	6 033
Cypress Second White Specks Gas Pool	+97.0	34	0.906	6 555
Dodsland North Viking Gas Pool	+21.3	23	0.877	6 110
Driver Bakken Sand Gas Pool	-100.4	27	0.886	7 079
Driver Mannville Sand Gas Pool	-49.9	27	0.886	6 804
Flat Valley Colony Sand Gas Pool	+234.5	21	0.942	2 310
Flat Valley St. Walburg Sand Gas Pool	+330.5	21	0.947	2 138
Fort Pitt Colony Sand Gas Pool	+191.0	20	0.947	2 790
Fort Pitt North Colony Sand Gas Pool	+198.9	19	0.947	2 850
Fort Pitt North Waseca Sand Gas Pool	+198.9	19	0.944	2 850
Freefight Milk River Gas Pool	+295.8	15	0.932	3 406
Freefight North Milk River Gas Pool	+323.8	15	0.932	3 406
Frenchman Butte Colony Sand Gas Pool	+198.3	20	0.947	2 755
Frenchman Butte St. Walburg Sand Gas Pool	+288.5	18	0.957	2 985
Frenchman Butte Waseca Sand Gas Pool	+168.8	20	0.942	2 867
Glidden Viking Gas Pool	-1.5	22	0.869	6 690
Gold Lake Colony Sand Gas Pool	+310.7	14	0.970	1 631
Greenan Viking Gas Pool	-15.2	28	0.893	6 580
Gull Lake Cantuar Gas Pool	-259.1	43	0.857	9 480
Hallam Colony Sand Gas Pool	+11.4	23	0.910	4 967
Hallam Waseca Sand Gas Pool	+4.4	23	0.910	4 967
Hatton Medicine Hat Sand Gas Pool	+274.3	17	0.915	4 310
Hatton Milk River Gas Pool	+321.6	16	0.900	3 450
Hillmond Colony Sand Gas Pool	+159.4	18	0.942	3 109
Hillmond Lloydminster Sand Gas Pool	+65.2	21	0.918	3 935
Hoosier South Bakken Sand Gas Pool	-150.5	29	0.877	7 754
Hoosier Viking Sand Gas Pool	-18.3	26	0.874	6 560
Ingebrigt Milk River Gas Pool	+289.0	16	0.900	3 470

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM METRES SUBSEA	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILITY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Kindersley Viking Sand Gas Pool	-10.6	23	0.869	6 587
Lashburn McLaren Sand Gas Pool	+146.8	21	0.938	3 229
Liebenthal Milk River Gas Pool	+297.2	16	0.900	3 630
Lloydminster Colony Sand Gas Pool	+134.1	23	0.937	3 260
Lloydminster North Colony Sand Gas Pool	+134.0	21	0.925	3 137
Loon Lake Colony Sand Gas Pool	+283.7	12	0.960	2 331
Loverna North Bakken Sand Gas Pool	-108.4	29	0.858	7 704
Loverna North Mannville Sand Gas Pool	-41.8	33	0.875	7 694
Loverna South Bakken Sand Gas Pool	-136.8	30	0.867	8 074
Loverna South Viking Sand Gas Pool	-4.0	24	0.901	5 144
Loverna West Bakken Sand Gas Pool	-135.3	32	0.862	8 073
Luseland Viking Sand Gas Pool	+142.6	23	0.890	5 792
Makwa Mannville Sand Gas Pool	+249.4	15	0.952	2 325
Marengo Viking Gas Pool	-10.7	21	0.872	6 740
Merryflat Second White Specks Gas Pool	+151.2	29	0.899	6 241
Milton Viking Sand Gas Pool	-18.3	23	0.870	6 550
Monchy Second White Specks Gas Pool	+277.6	21	0.909	5 000
Mudie Lake Colony Sand Gas Pool	+211.5	17	0.952	2 608
Paradise Hill Colony Sand Gas Pool	+174.5	16	0.942	3 047
Paradise Hill Waseca Sand Gas Pool	+146.3	17	0.942	3 216
Peck Lake Colony Sand Gas Pool	+200.1	24	0.944	2 951
Pierceland Mannville Sand Gas Pool	+256.0	21	0.958	2 100
Pierceland West Mannville Sand Gas Pool	+230.5	15	0.950	2 300
Prairiedale East Viking Gas Pool	+14.6	26	0.875	6 250
Primate Mannville Sand Gas Pool	-12.4	26	0.914	5 258
Primrose Lake Mannville Sand Gas Pool	+335.6	17	0.969	1 697
Primrose Lake East Mannville Sand Gas Pool	+345.1	17	0.972	1 258
Rex Lloydminster Sand Gas Pool	+65.3	21	0.925	3 950
Salvador Mannville Sand Gas Pool	-26.3	26	0.907	5 317
Senate Second White Specks Gas Pool	+121.9	29	0.899	6 281
Senlac McLaren Sand Gas Pool	+14.9	23	0.915	4 725
Senlac Sparky Sand Gas Pool	-15.7	27	0.915	5 000
Spruce Lake Mannville Sand Gas Pool	+183.2	15	0.940	2 753
Spruce Lake North Colony Sand Gas Pool	+205.2	16	0.955	1 978
Superb Bakken Sand Gas Pool	-79.1	29	0.869	6 978
Tangleflags Colony Sand Gas Pool	+159.1	20	0.947	3 119
Tangleflags McLaren Sand Gas Pool	+149.3	21	0.940	3 247
Tangleflags Second White Specks Gas Pool	+274.0	18	0.943	3 057
Tangleflags St. Walburg Sand Gas Pool	+254.0	18	0.934	3 345
Totnes Viking Gas Pool	-3.0	24	0.886	6 830
Unity South Sparky Sand Gas Pool	-9.8	26	0.920	4 750
Unity South Unity Sand Gas Pool	-38.8	29	0.890	5 288
Unity South Viking Sand Gas Pool	+85.5	24	0.889	5 157
Verendrye North Viking Sand Gas Pool	-20.0	24	0.892	6 348
Vidora Bearpaw Sand Gas Pool	+733.0	12	0.976	1 118
Vidora Belly River Sand Gas Pool	+705.4	13	0.974	1 217
Wheat Valley Cantuar Sand Gas Pool	-220.0	40	0.883	8 003
Whelan Mannville Sand Gas Pool	+221.6	16	0.950	2 544
Whelan St. Walburg Sand Gas Pool	+307.6	15	0.949	2 635
Whiteside Ribstone Creek Sand Gas Pool	+481.6	20	0.959	2 000
Whiteside West Ribstone Creek Sand Gas Pool	+485.3	14	0.973	1 240
Whiteside West Viking Sand Gas Pool	-14.4	27	0.884	5 940
Wymark Second White Specks Gas Pool	+7.0	35	0.906	6 650
Yonker Colony Sand Gas Pool	+66.6	20	0.916	4 339
Yonker McLaren Sand Gas Pool	+56.7	22	0.907	4 254

MPR FACTORS

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
232501	Aberfeldy G.P. Sand Pool	30	90	1	40
232106	Aberfeldy Sparky Sand Pool	30	90	1	40
435192	Alameda East Frobisher Beds Pool	35	75	2	80
433007	Alameda Midale Beds Pool	35	75	2	80
435191	Alameda West Frobisher Beds Pool	35	75	2	80
433036	Alameda West Midale Beds Pool	35	72	2	80
435038	Alida East Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
435785	Alida North Alida Beds Pool	35	75	1	40
435044	Alida West Frobisher-Alida Beds Pool	35	77	1	40
239022	Alsask Basal Mannville Sand Pool	25	75	1	40
432001	Amulet Ratcliffe Beds Pool	35	80	2	80
238103	Antelope Cantuar Sand Pool	30	90	1	40
314552	Antelope Lake East Roseray Sand Pool	30	93	2	80
238153	Antelope Lake North Cantuar Sand Pool	30	90	2	80
314558	Antelope Lake North Success-Roseray Sand Pool	25	93	1	40
314559	Antelope Lake Roseray Sand Pool	25	93	1	40
314556	Antelope Lake South Roseray Sand Pool	25	93	1	40
331064	Antelope Lake Upper Shaunavon Pool	25	93	1	40
435024	Arcola Frobisher-Alida Beds Pool	35	79	1	40
435777	Arcola North Alida Beds Pool	35	79	2	80
435002	Arcola South Frobisher-Alida Beds Pool	35	79	2	80
437024	Ashley Lake Tilston Beds Pool	40	90	2	80
435040	Auburnton Frobisher-Alida Beds Pool	35	75	1	40
227331	Avon Hill Viking Pool	35	90	1	40
232135	Baldwinton Sparky Sand Pool	30	90	1/2 & 1	20 & 40
430073	Battle Creek Madison Pool	25	90	2	80
331001	Battle Creek South Upper Shaunavon Pool	25	90	2	80
331072	Battle Creek Upper Shaunavon Pool	25	90	2	80
314540	Battrum East Roseray Sand Pool	41	97.5	1	40
314553	Battrum North Roseray Sand Pool	41	97.5	1	40
314546	Battrum Roseray Sand Pool (Upper)	41	97.5	1 & 2	40 & 80
	(Main)	17	97.5	1 & 2	40 & 80
437005	Bellegarde Tilston Beds Pool	40	90	2	80
705057	Bemersyde Red River Pool	35	83	4	160
330064	Bench Shaunavon Pool	35	90	1	40
331060	Bench Upper Shaunavon Pool	25	75	2	80
437006	Bender Central Tilston Beds Pool	40	90	1	40
437021	Bender South Tilston Beds Pool	40	90	2	80
437050	Bender Tilston Beds Pool	40	90	2	80
435763	Bennet Lake Alida Beds Pool	35	80	2	80
433076	Benson East Midale Beds Pool	50	89	2	80
435173	Benson Frobisher Beds Pool	50	89	2	80
433075	Benson Midale Beds Pool	50	89	2	80
238146	Beverley Cantuar Sand Pool	30	90	2	80
238152	Beverley East Cantuar Sand Pool	30	90	2	80
238148	Beverley North Cantuar Sand Pool	30	90	1	40
314560	Beverley Roseray Sand Pool	35	90	1	40
433035	Bienfait Midale Beds Pool	35	85	1	40
232120	Big Gully East Sparky Sand Pool	30	90	1	40
231202	Big Gully McLaren Sand Pool	30	90	1	40
234120	Big Gully North Lloydminster Sand Pool	30	90	1	40
231309	Big Gully Waseca Sand Pool	30	90	1	40
437015	Big Marsh Lake Tilston Beds Pool	40	90	2	80
231116	Bolney Colony Sand Pool	30	90	1	40
331050	Bone Creek Upper Shaunavon Pool	15	94	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	ASSIGNED AREA (ACRES)
331007	Bone Creek West Upper Shaunavon Pool	25	96	1	40
705048	Bromhead East Red River Pool	35	85	2	80
433089	Bromhead Midale Beds Pool	35	75	4	160
435111	Brough Frobisher Beds Pool	35	89	2	80
435019	Browning Frobisher-Alida Beds Pool	35	75	1	40
435013	Browning North Frobisher-Alida Beds Pool	35	85	2	80
435124	Browning South Frobisher Beds Pool	35	75	2	80
435019	Bryant Frobisher Beds Pool	35	75	2 & 4	80 & 160
433099	Bryant Midale Beds Pool	35	89	2 & 4	80 & 160
441422	Buffalo Coulee Bakken Sand Pool	25	93	1/2	20
441428	Buffalo Coulee North Bakken Sand Pool	25	93	1	40
441479	Buffalo Head Bakken Sand Pool	25	75	2	80
435015	Buffalo Head Frobisher-Alida Beds Pool	35	75	2	80
321008	Burrows Red Jacket Sand Pool	38	98	1	40
330006	Butte Shaunavon Pool	35	90	1	40
331059	Butte Upper Shaunavon Pool	25	96	2	80
331047	Butte West Upper Shaunavon Pool	25	95	1 & 2	40 & 80
234133	Buzzard Lloydminster Sand Pool	30	90	1	40
232521	Buzzard North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234144	Buzzard North Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230915	Buzzard North Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232149	Buzzard North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231335	Buzzard North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
441426	Cactus Lake Basal Mannville - Bakken Sand Pool	25	95	1	40
441446	Cactus Lake East Bakken Sand Pool	25	95	1	40
231211	Cactus Lake North McLaren Sand Pool	30	90	1	40
435005	Cantal Frobisher-Alida Beds Pool	35	75	1	40
435039	Cantal South Frobisher-Alida Beds Pool	35	75	2	80
238143	Cantuar East Cantuar Sand Pool	30	90	1	40
335003	Cantuar East Lower Shaunavon Pool	25	95	1	40
314550	Cantuar East Roseray Sand Pool	35	90	1	40
314561	Cantuar Roseray Sand Pool	35	95	1	40
238141	Cantuar Main Cantuar Sand Pool	30	90	1	40
314555	Cantuar North Roseray Sand Pool	35	95	2	80
435787	Carlyle Alida Beds Pool	35	75	1	40
375143	Carlyle South Lower Watrous Pool	25	95	2	80
435180	Carnduff Frobisher Beds Pool	35	75	2	80
433006	Carnduff Midale Beds Pool	35	75	2	80
235016	Carruthers Cummings Sand Pool	30	90	1/2	20
232511	Celtic G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230903	Celtic Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232122	Celtic Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231313	Celtic Waseca Sand Pool	30	90	1/2 & 1	20 & 40
441440	Ceylon Bakken Sand Pool	25	94	2	80
331073	Chambery Upper Shaunvon Pool	20	91	2	80
705058	Chapleau Lake Red River Pool	35	83	4	160
435027	Clarilaw East Frobisher-Alida Beds Pool	35	75	2	80
435021	Clarilaw Frobisher-Alida Beds Pool	35	75	2	80
435041	Clarilaw West Frobisher-Alida Beds Pool	35	75	1	40
330062	Clintonville Shaunavon Pool	25	90	2	80
441421	Coleville Bakken Sand Pool	15	93	1/2	20
230026	Coleville Mannville Sand Pool	25	90	1	40
441429	Coleville South Bakken Sand Pool	15	93	1/2	20
230027	Coleville South Mannville Sand Pool	25	90	1	40
240025	Coleville South Success Pool	50	90	1/2 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
441441	Coleville West Bakken Sand Pool	15	93	1	40
433002	Colgate Midale Beds Pool	35	92	1	40
321004	Coothill Red Jacket Sand Pool	38	98	1/4	10
437018	Corning Tilston Beds Pool	40	90	2	80
437022	Corning West Tilston Beds Pool	40	90	2	80
234122	Cosine Lake Lloydminster Sand Pool	30	90	1	40
441431	Court Bakken Sand Pool	25	95	1	40
441444	Court North Bakken Sand Pool	25	95	1	40
441438	Court South Bakken Sand Pool	25	95	1	40
441451	Court West Bakken Sand Pool	25	95	1	40
331006	Covington South Upper Shaunavon Pool	15	94	1	40
331055	Covington Upper Shaunavon Pool	15	94	2	80
331071	Covington West Upper Shaunavon Pool	25	75	2	80
437011	Coyote Lake Tilston Beds Pool	40	90	2	80
435765	Creelman Alida Beds Pool	35	75	1 & 2	40 & 80
438030	Crystal Hill Souris Valley Beds Pool	40	90	1 & 2	40 & 80
430002	Dahinda Madison Pool	25	75	2	80
435028	Dalesboro Frobisher-Alida Beds Pool	35	78	2	80
435029	Dalesboro North Frobisher-Alida Beds Pool	35	78	2	80
230909	Dee Valley East Mannville Sands Pool	30	90	1	40
232125	Dee Valley East Sparky Sand Pool	30	90	1	40
231316	Dee Valley East Waseca Sand Pool	30	90	1	40
231337	Dee Valley South Waseca Sand Pool	30	90	1/2	20
231310	Dee Valley Waseca Sand Pool	30	90	1	40
331046	Delta Upper Shaunavon Pool	25	93	2	80
331005	Delta West Upper Shaunavon Pool	45	93	1	40
430004	Divide Madison Pool	25	90	1	40
227327	Dodsland Viking Sand Pool	35	90	1	40
335001	Dollard Lower Shaunavon Pool	25	95	2 & 4	80 & 160
331041	Dollard Upper Shaunavon Pool	5	91	1 & 2	40 & 80
230025	Druid Mannville Sands Pool	30	90	1	40
232518	Dulwich East G.P. Sand Pool	30	90	1/4	10
233116	Dulwich East Rex Sand Pool	30	90	1/4	10
232147	Dulwich East Sparky Sand Pool	30	90	1/4	10
232109	Dulwich North Sparky Sand Pool	30	90	1/2	20
232102	Dulwich Sparky Sand Pool	30	90	1/4	10
231324	Ear Lake Waseca Sand Pool	30	90	1	40
330076	Eastbrook Shaunavon Pool	20	91	2	80
330074	Eastend Shaunavon Pool	20	91	2 & 4	80 & 160
234143	Edam North Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
232133	Edam North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231326	Edam North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231320	Edam Waseca Sand Pool	30	90	1/2 & 1	20 & 40
230904	Edam West Mannville Sands Pool	30	90	1/4 & 1/2	10 & 20
232141	Edam West Sparky/G.P. Sand Pool	30	90	1/4 & 1/2	10 & 20
231323	Edam West Waseca Sand Pool	30	90	1/4 & 1/2	10 & 20
437033	Edenvale North Tilston Beds Pool	40	90	1	40
437032	Edenvale Tilston Beds Pool	40	90	2	80
433096	Elcott East Midale Beds Pool	35	75	2	80
435184	Elmore Frobisher Beds Pool	45	86	1	40
433018	Elmore Midale Beds Pool	35	75	2	80
433003	Elswick East Midale Beds Pool	35	88	2	80
433001	Elswick Midale Beds Pool	35	88	2	80
433011	Elswick South Midale Beds Pool	50	89	2	80
232504	Epping G.P. Sand Pool	30	90	1/2 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
230913	Epping Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232110	Epping South Sparky Sand Pool	30	90	1	40
232104	Epping Sparky Sand Pool	30	90	1/2 & 1	20 & 40
230032	Ermine Mannville Sands Pool	30	90	1	40
227323	Eureka Viking Pool	35	90	1	40
230916	Evesham North Mannville Sands Pool	30	90	1	40
231208	Evesham North McLaren Sand Pool	30	90	1	40
232145	Evesham North Sparky Sand Pool	30	90	1	40
232142	Evesham Sparky Sand Pool	30	90	1	40
235910	Eyehill Cummings-Dina Sand Pool	30	90	1	40
235004	Eyehill North Cummings Sand Pool	30	90	1	40
232132	Eyehill North Sparky Sand Pool	30	90	1	40
437037	Fertile Tilston Beds Pool	40	90	1	40
437580	Fertile Tilston-Souris Valley Beds Pool	40	90	1	40
432085	Flat Lake Ratcliffe Beds Pool	35	80	2	80
437019	Flinton Tilston Beds Pool	40	90	2	80
435187	Florence Frobisher Beds Pool	35	75	2	80
230902	Forest Bank Mannville Sands Pool	30	90	1	40
232123	Forest Bank Sparky Sand Pool	30	90	1	40
231305	Forest Bank Waseca Sand Pool	30	90	1	40
227338	Forgan Viking Sand Pool	35	90	1	40
227351	Forgan West Viking Sand Pool	35	90	1	40
314541	Fosterton Roseray Sand Pool	16	95	1	40
238151	Fosterton South Cantuar Sand Pool	30	90	1	40
314554	Fosterton South Roseray Sand Pool	16	95	1	40
432090	Freda Lake Ratcliffe Beds Pool	35	90	2	80
230914	Freemont Mannville Sands Pool	30	90	1	40
231115	Freemont South Colony Sand Pool	30	90	1	40
232130	Freemont Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231315	Freemont Waseca Sand Pool	30	90	1/4, 1/2, 1	10, 20, 40
232118	Freemont West Sparky Sand Pool	30	90	1	40
435082	Freestone Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
375142	Fremantle Lower Watrous Pool	25	95	2	80
705053	Froude Red River Pool	25	83	4	160
437581	Frys East Tilston-Souris Valley Beds Pool	40	90	1	40
437579	Frys Tilston-Souris Valley Beds Pool	40	90	1	40
232113	Furness Sparky Sand Pool	30	90	1/4	10
441425	Fusilier Bakken Sand Pool	25	95	1	40
441447	Fusilier North Bakken Sand Pool	25	95	1	40
435009	Gainsborough Frobisher-Alida Beds Pool	30	75	1 & 2	40 & 80
435020	Gainsborough North Frobisher-Alida Beds Pool	30	75	1	40
435113	Gainsborough West Frobisher Beds Pool	30	75	2	80
331051	Gardenhead South Upper Shaunavon Pool	25	96	1	40
331003	Gardenhead Upper Shaunavon Pool	25	96	2	80
435181	Glen Ewen Frobisher Beds Pool	35	75	2	80
433008	Glen Ewen Midale Beds Pool	35	75	2 & 4	80 & 160
435126	Glen Ewen North Frobisher Beds Pool	35	75	2	80
230906	Golden Lake North Mannville Sands Pool	30	90	1	40
232112	Golden Lake North Sparky Sand Pool	30	90	1	40
231306	Golden Lake North Waseca Sand Pool	30	90	1	40
230908	Golden Lake South Mannville Sands Pool	30	90	1	40
232107	Golden Lake South Sparky Sand Pool	30	90	1	40
231308	Golden Lake South Waseca Sand Pool	30	90	1	40
435168	Griffin Frobisher Beds Pool	35	89	1	40
435115	Griffin North Frobisher Beds Pool	35	89	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	ASSIGNED AREA (ACRES)
238142	Gull Lake Basal Cantuar Sand Pool	35	92	1	40
331058	Gull Lake Central Upper Shaunavon Pool	25	97	2	80
238144	Gull Lake North Basal Cantuar Sand Pool	35	92	1	40
331043	Gull Lake North Upper Shaunavon Pool	25	97	1	40
314539	Gull Lake Roseray Sand Pool	25	93	1	40
331057	Gull Lake South Upper Shaunavon Pool	25	97	2	80
231307	Gully Lake Waseca Sand Pool	30	90	1	40
435761	Handsworth Alida Beds Pool	35	75	1 & 2	40 & 80
435087	Hartaven Frobisher-Alida Beds Pool	40	89	1	40
707004	Hartaven Winnipeg Sand Pool	15	86	4	160
435190	Hastings East Frobisher Beds Pool	35	75	2	80
435177	Hastings Frobisher Beds Pool	35	75	1 & 2	40 & 80
435125	Hastings North Frobisher Beds Pool	35	75	1	40
435160	Hastings West Frobisher Beds Pool	35	75	2	80
437020	Hazelwood Central Tilston Beds Pool	40	90	1 & 2	40 & 80
437029	Hazelwood South Tilston Beds Pool	40	90	2	80
437027	Hazelwood Tilston Beds Pool	40	90	1	40
437028	Hazelwood West Tilston Beds Pool	40	90	2	80
314548	Hazlet Roseray Sand Pool	21	94.7	1	40
441430	Hearts Hill Bakken Sand Pool	25	95	1	40
435112	Heward Frobisher Beds Pool	40	89	2	80
435109	Heward South Frobisher Beds Pool	35	89	2	80
232515	Hillmond G.P. Sand Pool	30	90	1	40
232127	Hillmond South Sparky Sand Pool	30	90	1	40
232115	Hillmond Sparky Sand Pool	30	90	1	40
543006	Hitchcock Winnipegosis Pool	25	75	2 & 4	80 & 160
432094	Hoffer Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
441424	Hoosier Bakken Sand Pool	25	95	1	40
435167	Hume Frobisher Beds Pool	35	89	1 & 2	40 & 80
433091	Hume Midale Beds Pool	35	89	2	80
441478	Hummingbird Bakken Sand Pool	25	95	2	80
521029	Hummingbird Birdbear Pool	25	83	2	80
432088	Hummingbird Ratcliffe Beds Pool	25	75	2	80
441481	Hummingbird South Bakken Sand Pool	25	83	1	40
432095	Hummingbird South Ratcliffe Beds Pool	35	89	1	40
435163	Huntoon Frobisher Beds Pool	50	89	1 & 2	40 & 80
	(East Group)	35	89	1 & 2	40 & 80
433079	Huntoon Midale Beds Pool	50	89	2 & 4	80 & 160
435189	Huntoon North Frobisher Beds Pool	35	89	1	40
331054	Illerbrun Upper Shaunavon Pool	15	94	2	80
435760	Ingoldsby East Alida Beds Pool	35	75	2	80
435003	Ingoldsby Frobisher-Alida Beds Pool	35	89	1	40
435767	Ingoldsby North Alida Beds Pool	35	89	2	80
435042	Ingoldsby West Frobisher-Alida Beds Pool	35	75	1	40
435165	Innes Frobisher Beds Pool	35	89	2	80
331049	Instow Upper Shaunavon Pool	5	94	2	80
238150	Java Cantuar Sand Pool	30	90	2	80
238104	Java North Cantuar Sand Pool	30	90	1	40
238105	Java West Cantuar Sand Pool	30	90	1	40
331042	Johnston Upper Shaunavon Pool	25	97	1	40
438020	Kennedy Souris Valley Beds Pool	40	90	2	80
437016	Kenosee Tilston Beds Pool	40	90	2	80
230012	Kerrobert Mannville Sand Pool	30	90	1	40
230013	Kerrobert North Mannville Sand Pool	30	90	1	40
227342	Kerrobert Viking Sand Pool	35	90	1/2 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
521034	Kisbey Birdbear Pool	40	75	2	80
435025	Kisbey Frobisher-Alida Beds Pool	26	80	1	40
435022	Kisbey South Frobisher-Alida Beds Pool	35	80	1	40
432086	Lake Alma Ratcliffe Beds Pool	35	80	2	80
231201	Landrose McLaren Sand Pool	30	90	1/2 & 1	20 & 40
231301	Landrose Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231339	Lashburn East Waseca Sand Pool	30	90	1	40
232129	Lashburn South Sparky Sand Pool	30	90	1	40
231314	Lashburn South Waseca Sand Pool	30	90	1	40
232116	Lashburn Sparky Sand Pool	30	90	1	40
231303	Lashburn Waseca Sand Pool	30	90	1	40
232137	Lashburn West Sparky Sand Pool	30	90	1/2 & 1	20 & 40
330047	Leitchville Shaunavon Pool	35	90	2	80
330048	Leon Lake Shaunavon Pool	25	90	2	80
437023	Lightning Tilston Beds Pool	40	90	1	40
437017	Lightning South Tilston Beds Pool	40	90	2	80
232124	Lloydminster Sparky Sand Pool	30	90	1/2	20
232103	Lone Rock Sparky Sand Pool	30	90	1/4	10
231328	Long Lake Waseca Sand Pool	30	90	1	40
435073	Lost Horse Hill Frobisher-Alida Beds Pool	45	89	1 & 2	40 & 80
433081	Lougheed Midale Beds Pool	35	89	1 & 2	40 & 80
240024	Loverna Success Pool	25	75	1	40
231341	Low Lake East Waseca Sand Pool	30	90	1/4	10
231302	Low Lake Waseca Sand Pool	30	90	1/2	20
227335	Lucky Hills Viking Pool	35	90	1	40
441432	Luseland Bakken Sand Pool	25	95	1	40
230002	Luseland Mannville Sand Pool	30	90	1	40
232126	Macklin Sparky Sand Pool	30	90	1	40
433095	Macoun Midale Beds Pool	35	89	2	80
543007	Macoun North Winnipegosis Pool	19	74	1, 2 & 4	40, 80 & 160
433012	Macoun South Midale Beds Pool	35	89	1	40
433069	Macoun West Midale Beds Pool	40	89	4	160
543005	Macoun Winnipegosis Pool	19	74	4	160
230912	Maidstone Mannville Sands Pool	30	90	1	40
231205	Maidstone McLaren Sand Pool	30	90	1	40
231322	Maidstone Waseca Sand Pool	30	90	1	40
314543	Main Success Roseray Sand Pool	30	93	1	40
231210	Manito Lake East McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232143	Manito Lake Sparky Sand Pool	30	90	1	40
435503	Manor Lower Watrous-Alida Beds Pool	35	75	2	80
375144	Manor North Lower Watrous Pool	25	75	2	80
706055	Mansur Red River Pool	25	83	4	160
239007	Mantario East Basal Mannville Sand Pool	14	75	1	40
239005	Mantario North Basal Mannville Sand Pool	14	75	1	40
239010	Marengo South Basal Mannville Sand Pool	14	75	1	40
232111	Marsden North Sparky Sand Pool	30	90	1	40
232138	Marsden South Sparky Sand Pool	30	90	1	40
232105	Marsden Sparky Sand Pool	30	90	1/4 & 1/2	10 & 20
435080	Melrose Frobisher-Alida Beds Pool	45	89	1	40
234123	Meota Lloydminster Sand Pool	30	90	1	40
231343	Mervin East Waseca Sand Pool	30	90	1	40
231344	Mervin South Waseca Sand Pool	30	90	1	40
231332	Mervin Waseca Sand Pool	30	90	1/2 & 1	20 & 40
435161	Midale Central Frobisher Beds Pool	50	89	1 & 2	40 & 80
433072	Midale Central Midale Beds Pool	50	89	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
705051	Midale Red River Pool	25	83	4	160
705052	Midale West Red River Pool	25	83	4	160
441439	Milton Bakken Sand Pool	25	95	1	40
240026	Milton Success Pool	25	75	1	40
433070	Minard Midale Beds Pool	35	89	4	160
705049	Minton Red River Pool	35	90	2 & 4	80 & 160
543008	Minton Winnipegosis Pool	34	90	2 & 4	80 & 160
705056	Montmartre Red River Pool	35	83	4	160
437014	Moose Mountain Tilston Beds Pool	40	90	1	40
437030	Moose Valley South Tilston Beds Pool	40	90	1 & 2	40 & 80
437076	Moose Valley Tilston Beds Pool	40	90	1	40
321003	Moosomin Red Jacket Sand Pool	39	99	1/4	10
435031	Morrisview Frobisher-Alida Beds Pool	35	80	2	80
435004	Morrisview South Frobisher-Alida Beds Pool	35	80	2	80
435032	Morrisview West Frobisher-Alida Beds Pool	35	80	2	80
231105	Neilburg Colony Sand Pool	30	90	1	40
230911	Neilburg Mannville Sands Pool	30	90	1	40
231203	Neilburg McLaren Sand Pool	30	90	1	40
433019	Neptune North Midale Beds Pool	35	92	2	80
432092	Neptune Ratcliffe Beds Pool	35	80	4	160
433026	North Antler Midale Beds Pool	35	75	2	80
435762	North Handsworth Alida Beds Pool	35	75	2	80
441423	North Hoosier Bakken Sand Pool	25	95	1	40
239021	North Hoosier Basal Mannville Sand Pool	25	90	1/2	20
433010	North Portal Midale Beds Pool	35	75	2	80
314542	North Premier Roseray Sand Pool	25	93	1	40
331044	North Premier Upper Shaunavon Pool	25	93	1	40
441433	North Smiley Bakken Sand Pool	25	93	1	40
435120	Northgate East Frobisher Beds Pool	35	75	2	80
435185	Northgate Frobisher Beds Pool	35	75	1	40
433020	Northgate Midale Beds Pool	35	75	2	80
232509	Northminster North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
232134	Northminster North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
232108	Northminster Sparky Sand Pool	30	90	1	40
435780	Nottingham Alida Beds Pool	35	75	2	80
437010	Nottingham East Tilston Beds Pool	40	90	2	80
437004	Nottingham North Tilston Beds Pool	40	90	2	80
435083	Nottingham South Frobisher-Alida Beds Pool	22	75	1 & 2	40 & 80
331074	Notukeu Upper Shaunavon Pool	25	75	4	160
435178	Oakley Frobisher Beds Pool	35	75	2	80
239019	Onward Basal Mannville Sand Pool	25	95	1/2 & 1	20 & 40
435116	Openshaw Frobisher Beds Pool	35	75	2	80
432083	Oungre Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
435175	Oxbow Frobisher Beds Pool	35	75	2	80
438022	Parkman Souris Valley Beds Pool	50	90	2	80
437578	Parkman South Tilston-Souris Valley Beds Pool	40	90	1	40
437013	Parkman Tilston Beds Pool	40	90	1	40
437576	Parkman Tilston-Souris Valley Beds (Tilston)	40	90	1	40
	(Souris Valley)	50	90	1	40
331061	Pennant Upper Shaunavon Pool	25	95	1	40
435702	Pheasant Rump Alida Beds Pool	35	75	2	80
232507	Pikes Peak G.P. Sand Pool	30	90	1	40
232128	Pikes Peak Sparky Sand Pool	30	90	1	40
231312	Pikes Peak Waseca Sand Pool	30	90	1	40
433082	Pinto East Midale Beds Pool	35	75	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
435182	Pinto Frobisher Beds Pool	35	75	1 & 2	40 & 80
433015	Pinto Midale Beds Pool	35	75	2	80
227340	Plato North Viking Pool	35	90	1	40
227333	Plato Viking Pool	35	90	1	40
227345	Plenty Viking Sand Pool	35	90	1	40
441427	Plover Lake Bakken Sand Pool	25	95	1	40
441480	Plover Lake East Bakken Sand Pool	25	95	1	40
231209	Plover Lake McLaren Sand Pool	25	95	1/2 & 1	20 & 40
441445	Plover Lake South Bakken Sand Pool	25	95	1	40
441450	Plover Lake West Bakken Sand Pool	25	95	1	40
227343	Prairiedale Viking Sand Pool	35	90	1	40
435010	Queensdale East Frobisher-Alida Beds Pool	35	86	1	40
435782	Queensdale North Alida Beds Pool	35	75	1	40
435781	Queensdale West Alida Beds Pool	35	75	1	40
375140	Queensdale West Lower Watrous Pool	25	75	2	80
433097	Ralph Midale Beds Pool	35	89	2	80
433005	Ralph West Midale Beds Pool	35	89	1 & 2	40 & 80
430003	Rangeview East Madison Pool	25	90	1	40
430001	Rangeview Madison Pool	25	90	1	40
335002	Rapdan North Lower Shaunavon Pool	20	91	4	160
331004	Rapdan South Upper Shaunavon Pool	20	91	4	160
331045	Rapdan Upper Shaunavon Pool	20	91	1 & 2	40 & 80
330063	Rapdan West Shaunavon Pool	20	91	4	160
354902	Red Jacket Gravelbourg Pool	38	98	2	80
321002	Red Jacket Sand Pool	38	98	1/4	10
321006	Red Jacket South Red Jacket Sand Pool	38	98	1/4	10
437031	Redvers Tilston Beds Pool	40	90	2	80
231338	Reward Waseca Sand Pool	30	90	1	40
441476	Rocanville Bakken Sand Pool	35	75	1	40
441477	Roncott Bakken Sand Pool	25	94	2	80
435779	Rosebank Alida Beds Pool	35	79	1	40
435778	Rosebank South Alida Beds Pool	35	79	1	40
238106	Ross Lake Cantuar Sand Pool	30	90	1	40
232519	Rush Lake G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230905	Rush Lake Mannville Sands Pool	30	90	1/2 & 1	20 & 40
232140	Rush Lake Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231321	Rush Lake Waseca Sand Pool	30	90	1/2 & 1	20 & 40
235918	Rutland Cummings-Dina Sand Pool	30	90	1	40
234142	Salt Lake Lloydminster Sand Pool	30	90	1	40
235920	Senlac Cummings-Dina Sand Pool	30	90	1	40
234139	Senlac Lloydminster Sand Pool	30	90	1	40
231327	Senlac Waseca Sand Pool	30	90	1	40
437009	Service Tilston Beds Pool	40	90	2	80
239023	Seward Basal Mannville Sand Pool	30	90	2	80
238155	Seward Cantuar Sand Pool	30	90	2	80
240027	Seward Success Sand Pool	30	90	2	80
435164	Sherwood Frobisher Beds Pool	35	86	1	40
232101	Silverdale Sparky Sand Pool	30	90	1/4 & 1/2 & 1	10 & 20 & 40
435122	Silverton East Frobisher Beds Pool	35	75	2	80
435179	Silverton Frobisher Beds Pool	35	75	1	40
435117	Silverton North Frobisher Beds Pool	35	75	2	80
435006	Silverton West Frobisher-Alida Beds Pool	35	75	1	40
432096	Skinner Lake Ratcliffe Beds Pool	35	80	2	80
441443	Smiley Bakken Sand Pool	25	93	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
227023	Smiley-Dewar Viking Pool	35	90	1	40
235015	Soda Lake Cummings Sand Pool	30	90	1	40
435186	Souris Flat Frobisher Beds Pool	35	75	1	40
435174	Souris Flat South Frobisher Beds Pool	35	75	1	40
437002	South Fletwode Tilston Beds Pool	40	90	1	40
314545	South Success Roseray Sand Pool	30	93	1	40
232520	Standard Hill North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
233117	Standard Hill North Rex Sand Pool	30	90	1/2 & 1	20 & 40
232148	Standard Hill North Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231333	Standard Hill North Waseca Sand Pool	30	90	1/2 & 1	20 & 40
231311	Standard Hill Waseca Sand Pool	30	90	1	40
231214	Standard Hill West McLaren Sand Pool	30	90	1/2	20
435001	Star Valley Frobisher-Alida Beds Pool	35	81	1	40
435014	Star Valley South Frobisher-Alida Beds Pool	35	81	2	80
435176	Steelman Frobisher Beds Pool	35	75	2	80
433004	Steelman Midale Beds Pool	35	72	2	80
543009	Steelman Winnipegosis Pool	33	88	4	160
435786	Storthoaks Alida Beds Pool	35	79	2	80
437007	Storthoaks East Tilston Beds Pool	40	90	2	80
437008	Storthoaks North Tilston Beds Pool	40	90	2	80
437035	Storthoaks Tilston Beds Pool	40	90	2	80
435078	Stoughton Frobisher-Alida Beds Pool	35	86	2	80
435118	Stoughton North Frobisher Beds Pool	35	86	2	80
435171	Stoughton South Frobisher Beds Pool	35	86	2	80
314551	Success North Roseray Sand Pool	30	93	1	40
314544	Success Roseray Sand Alpha Pool	30	93	1	40
238145	Suffield Basal Cantuar Sand Pool	35	92	1	40
314549	Suffield Roseray Sand Pool	35	95	1 & 2	40 & 80
331052	Suffield Upper Shaunavon Pool	25	97	2	80
238107	Suffield West Cantuar Sand Pool	30	90	1	40
231336	Superb North Waseca Sand Pool	30	90	1	40
231342	Superb Waseca Sand Pool	30	90	1	40
543004	Tableland Winnipegosis Pool	19	73	4	160
231204	Tangleflags East McLaren Sand Pool	30	90	1	40
232505	Tangleflags G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234121	Tangleflags Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230901	Tangleflags Mannville Sands Pool	30	90	1/2 & 1	20 & 40
231206	Tangleflags McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232506	Tangleflags North G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234128	Tangleflags North Lloyd/Cummings Sand Pool	30	90	1/2 & 1	20 & 40
232114	Tangleflags Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231340	Tangleflags Waseca Sand Pool	30	90	1/2 & 1	20 & 40
232508	Tangleflags West G.P. Sand Pool	30	90	1/2 & 1	20 & 40
234132	Tangleflags West Lloydminster Sand Pool	30	90	1/2 & 1	20 & 40
230907	Tangleflags West Mannville Sands Pool	30	90	1/2 & 1	20 & 40
231207	Tangleflags West McLaren Sand Pool	30	90	1/2 & 1	20 & 40
232131	Tangleflags West Sparky Sand Pool	30	90	1/2 & 1	20 & 40
433080	Tatagwa Central Midale Beds Pool	35	92	1	40
433098	Tatagwa Midale Beds Pool	35	92	1 & 2	40 & 80
433088	Tatagwa North Midale Beds Pool	35	92	2	80
433009	Tatagwa West Midale Beds Pool	35	92	2	80
433013	Taylorton Midale Beds Pool	35	85	2	80
435701	Thirty Lake Alida Beds Pool	35	79	2	80
232150	Turtleford Sparky Sand Pool	30	90	1/2	20
231334	Turtleford Waseca Sand Pool	30	90	1/2	20

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
705054	Tyvan Red River Pool	35	91	4	160
433021	Union Jack Midale Beds Pool	35	89	2	80
227321	Verendrye Viking Sand Pool	35	90	1	40
314547	Verlo Roseray Sand Pool	21	90	1	40
435110	Viewfield East Frobisher Beds Pool	35	86	2	80
435170	Viewfield Frobisher Beds Pool	35	86	1	40
390001	Viewfield Rim Pool	35	86	1	40
433071	View Hill Midale Beds Pool	50	89	2	80
230019	Wapella Mannville Sand Pool	25	99	1	40
321007	Wapella Red Jacket Sand Pool	28	99	1	40
238661	Wapella Sand Pool	25	99	1	40
435784	Warmley Alida Beds Pool	35	90	2	80
436277	Wauchope Alida Tilston Beds Pool	35	75	1	40
437034	Wauchope Central Tilston Beds Pool	40	90	2	80
437003	Wauchope North Tilston Beds Pool	40	90	1	40
435766	Wauchope South Alida Beds Pool	35	85	2	80
435764	Wauchope West Alida Beds Pool	35	75	2	80
238101	Webb Cantuar Sand Pool	30	90	1	40
238102	Webb South Cantuar Sand Pool	30	90	1	40
238154	Webb West Cantuar Sand Pool	30	90	1	40
435169	Weir Hill Frobisher Beds Pool	35	75	1	40
441475	Welwyn Bakken Sand Pool	35	75	2	80
321005	Welwyn Red Jacket Pool	35	75	1	40
441474	Welwyn South Bakken Sand Pool	35	75	1	40
435166	West Innes Frobisher Beds Pool	35	89	1	40
433077	West Kingsford Midale Beds Pool	35	83.6	2	80
232510	Westhazel G.P. Sand Pool	30	90	1/2 & 1	20 & 40
230910	Westhazel Mannville Sand Pool	30	90	1/2 & 1	20 & 40
232136	Westhazel Sparky Sand Pool	30	90	1/2 & 1	20 & 40
231329	Westhazel Waseca Sand Pool	30	90	1/2 & 1	20 & 40
435162	Weyburn Frobisher Beds Pool	35	89	1 & 2	40 & 80
433074	Weyburn Midale Beds Pool	35	89	2	80
	(Northern Portion of Pool)	50	89	2	80
437012	White Bear Tilston Beds Pool	40	90	1	40
437577	White Bear Tilston-Souris Valley Beds (Tilston)	40	90	1	40
	(Souris Valley)	50	90	1	40
330075	Whitemud Shaunavon Pool	20	91	2	80
227326	Whiteside Viking Sand Pool	40	91	1	40
435783	Wildwood Alida Beds Pool	35	75	2	80
435011	Willmar Frobisher-Alida Beds Pool	25	78	1	40
435059	Willmar North Frobisher-Alida Beds Pool	35	78	2	80
435114	Willmar West Frobisher Beds Pool	35	78	2	80
435188	Winmore Frobisher Beds Pool	45	85	2	80
235007	Winter Cummings Sand Pool	30	90	1	40
235008	Winter South Cummings Sand Pool	30	90	1	40
435121	Wordsworth East Frobisher Beds Pool	35	79	2	80
435012	Wordsworth Frobisher-Alida Beds Pool	35	75	2	80
435023	Wordsworth North Frobisher-Alida Beds Pool	35	79	2	80
435183	Workman Frobisher Beds Pool	35	84	2	80
433017	Workman Midale Beds Pool	35	79	2	80
435119	Workman South Frobisher Beds Pool	35	84	2	80

* Factors in effect on January 1, 2001

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